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FIRST ANNUAL REPORT

OF THE

SECRETARY OF STATE

OF THE

STATE OF MICHIGAN,

RELATING TO THE REGISTRY AND RETURN OF

BIRTHS, MARRIAGES AND DEATHS,

For the Year Ending April 5th, 1868.

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PREFACE.

STATE DEPARTMENT, MICHIGAN.

SECRETARY'S OFFICE,
Lansing, Dec. 31*st*, 1868.

To His Excellency the Governor of Michigan:

Pursuant to the requirements of Act No. 194, S. L. 1867, I have the honor herewith to submit my report of births, marriages and deaths for the year ending April 5th, 1868.

This forms the first report from this office under the law, and although its tables and deductions are not so extended as I could have desired, owing to the late day of receiving many of the returns from County Clerks, and the entire absence of returns from several counties; yet it is believed that it will afford some information of interest and practical value, and is, perhaps, as complete as could reasonably be expected in the first year of the practical operation of the law.

It can hardly be expected, in the introduction of a law of this nature, requiring the co-operation of so many persons in its execution, widely separated and often living in sparsely populated districts, that no errors should occur, or that the law should always so commend itself to those required to perform the duties it imposes, as to command at first

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their hearty co-operation. In view, however, of the limited time the law has been on trial, and the difficulties incident to its thorough execution, it is hoped that the results thus far attained will not be found unsatisfactory, but rather tend to justify the wisdom of such a law.

Immediately upon the passage of the law, the necessary blank forms were prepared with great care, for the original returns to the County Clerks. With these, were sent to the Clerks, for distribution by them, printed instructions to Supervisors and Assessors, to assist them in making complete returns of births and deaths. A pamphlet was also compiled, from the laws of the State, relative to the duties of persons solemnizing marriages, which has been furnished to Clergymen and Justices of the Peace, through the offices of the County Clerks, and also from this office direct, on application.

A record each, of births, marriages and deaths, was also prepared and furnished each County Clerk.

I am happy to state, that with few exceptions, I have received the cordial and ready assistance of the County Clerks, in the execution of the law. Upon these officers, in a great measure, depend the accuracy and consequent value of the annual reports and original records.

Should the County Clerks fail to exact complete returns from those required to make them, the benefits intended to be gained will not be secured.

The work of examining and recording the orig-

inal returns, and making transcripts of records for this department, requires much time and care, for which they should receive a just compensation. A majority of the Supervisors and Assessors are believed to have promptly and thoroughly performed the duties required of them. It is hoped that the present Legislature will make some certain provision for paying them for this additional work.

While I take pleasure in testifying to the faithfulness with which most of these officers have performed their duties, I am sorry to say that some have entirely neglected them. Notwithstanding the repeated and urgent efforts which have been made through letters and circulars from this department, five counties have wholly failed to make returns, and from several only partial returns have been received. In some cases this has resulted from inadvertence on the part of Supervisors and Assessors; while in others, it is due to their intentional neglect, because no compensation was provided by law for the work.

Several instances have been reported of the refusal of Clergymen to make return of marriages, and of their deliberately violating the statute, after its provisions had been brought to their knowledge. It is gratifying to know that these are very rare and exceptional cases, and that the performance of this duty, so important to the parties married, and their prospective offspring, is seldom neglected by those solemnizing marriages. Should the complaint be repeated, steps will be taken to convince

the offending parties that their plea of the "higher law," will hardly avail in the courts as against our statute law. It is believed that by granting compensation, either per capita or per diem, to those officers who are required to make return of births and deaths to the County Clerks, sufficient to induce a careful and perfect canvass, which must necessarily be to them a work of patient inquiry and investigation, much of the difficulty in procuring complete and valuable returns will be remedied.

No legal measures have been taken to secure delinquent returns, as it is believed that legislation as to minor points of the law, and the time necessary to familiarize the people with it, will in most cases, correct the evils complained of, more readily than recourse to the courts.

No returns have been received from the city of Detroit. It is claimed by the Common Council that the law was not intended to apply to that city, or if it were, that compliance with it is impossible, as the assessment is made there from October to April. It is hardly to be supposed that the Legislature intended to except from the provisions of the law, the city of Detroit, from which it is anticipated our most valuable returns, in a statistical point of view, will be received. I suggest such legislation as shall remove the difficulty alluded to.

I would also recommend an amendment of the law, so that the returns shall include the year preceding the first day of April, instead of the first *Monday* of April. This would simplify the work

of this office, and relieve us from fractional parts of a month in our calculations.

I would also recommend that the first day of September be fixed as the date for making returns by County Clerks to the Secretary of State. This will give ample time to the County Clerks to make their returns, while the additional time is needed in this department for preparing the annual report, before the close of the year, which is found to be a work of much time and labor.

I take this occasion to acknowledge my obligation to the Hon. Oliver Warner, Secretary of State of Massachusetts, for reports, forms of blanks, and information kindly furnished me, and from which I derived much aid in giving practical effect to the law.

My thanks are also due to Dr. I. H. Bartholomew, of this city, late one of the Vice-Presidents of the State Medical Society, who has rendered valuable assistance in the nomenclature and classification of diseases; and, also, to S. H. Row, Esq., Deputy Secretary of State, to whom the details of the work have been entrusted.

Very respectfully,

OLIVER L. SPAULDING,

Secretary of State.

FIRST REGISTRATION REPORT.

FOR THE YEAR ENDING APRIL 5th, 1868.

In presenting the following tables and observations, constituting the First Annual Report relating to the registration and return of births, marriages and deaths, it may be well to consider some of the advantages which a perfect system of registration may give to the citizens of our State.

The prominence which Michigan occupies to-day, her progress in nearly every branch of industry, the excellence of her school system, her advancement in the arts and sciences, mechanics and agriculture, can be directly traced to judicious legislative enactments.

Few more important laws are contained in our statutes, than that requiring the registration of births, marriages and deaths.

In a legal point of view, it is of the greatest importance that our citizens should be able to produce record evidence of births, marriages and deaths, in cases where it is necessary to establish proofs of relationship in the inheritance and transmission of estates.

The necessity of a perfect system of registration has been fully demonstrated within the past few years, by the frequent application of parties claiming pensions and dues from the General Government, arising from the loss of relatives in the late war of the rebellion, for the necessary record proofs, which in too many cases could not be furnished, on account of the culpable carelessness of those whose duty it was to make and preserve them.

In nearly all cases requiring proofs of relationship, a certified copy of the record established by law, is more available than the production of testimony from living witnesses.

In a sanitary point of view, too much importance cannot be attached to the great benefits which will accrue from the information to be derived from statistics on death and its causes. As years intervene, comparative tables can be arranged, showing the increase or decrease of diseases which cause the highest rate of mortality, showing also, the influence of locality, season, sex and occupation, upon the duration of human life. The accumulation of such data, cannot fail to suggest the most valuable truths. Much that now is hidden, or at least the work of surmise and imperfect observation, regarding vital statistics in our State, can thus be demonstrated with comparative certainty.

The statistics thus obtained, will lead to a more perfect knowledge of the causes which influence, and suggest remedies for the prevention of diseases incident to our State—averting calamities which might otherwise seem inevitable—thereby best answering the obligations of a true philanthropy.

The success of similar reports, for generations, in many of the countries of Europe, in Massachusetts, extending through a series of twenty-four years, and in other of our States for less periods, leads to the inference that our own law, if thoroughly enforced, may lead to the successful results contemplated by its enactment.

The whole number of names registered during the year, ending April 5, 1868, as returned by the various County Clerks, was thirty-seven thousand and two hundred (37,200.)

These are divided as follows: Nineteen thousand five hundred and forty-four (19,544) children were born alive,* of which ten thousand one hundred and seventy-seven (10,177) were males, and nine thousand three hundred and sixty-seven (9,367) were females.

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* See stillborn, page 7.

Five thousand seven hundred and three (5,703) couples—or eleven thousand four hundred and six (11,406) persons—were married. Of this number, three thousand two hundred and ninety-three (3,293) were American marriages; six hundred and ninety-five (695) were marriages of foreign parties exclusively; six hundred and ninety-two (692) were marriages in which one party was a foreigner; and ten hundred and twenty-three (1,023) marriages were reported, with the nativity of the parties unknown.

The whole number of deaths was six thousand two hundred and fifty, (6,250,) of which three thousand three hundred and thirty-one (3,331) were males, and two thousand nine hundred and nineteen (2,919) were females.

DELINQUENT.

In the observations and tables of this report, it must be borne in mind, that no returns of either births, marriages or deaths, have been received from the county of Saginaw, containing two large cities, or from the counties of Chippewa, Keweenaw, Mackinac and Manitou. No returns of births or deaths were received from the populous city of Detroit, and no returns of marriages from the entire county of Wayne. The births and deaths which occurred in the 1st and 2d districts of Owosso city, and in the following townships, were not returned: Perry, Woodhull and Hazleton, Shiawassee county; LaCroix, Emmet county; Marquette and Negaunee, Marquette county; Gun Plains, Lee, Otsego, Pine Plains and Saugatuck, Allegan county; Beaver and Arenac, Bay county; and Rockland and Carp Lake, Ontonagon county.

Returns from all these delinquent counties, cities and townships, would materially change the foregoing totals, and proportionately affect all the computations that follow.

The natural increase of population, or the excess of births over deaths, for the year, is thirteen thousand two hundred and ninety-four. (13,294.)

Assuming that those portions of the State, from which returns have been received, contain a population* of 1,000,000, one living child was born to every 51.17 persons. One person in every 87.67 was married. One person in every 160 died.

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*A perfect census of our State, would, without doubt, show a population in excess of 1,100,000. The State census of 1864, is universally conceded to be very imperfect, and as eight years have intervened since the compilation of the U. S. census, many interesting tables, which might otherwise have been given, with a true data of the population of our State as a basis, are unfortunately wanting in this report.

BIRTHS.

The average number of births within several specified periods of time, is as follows:

Year—19,544.
Month—1,628.67.
Week—375.08.
Day—53.55.

The percentage of males is 52.075, and of females, 47.925. The proportion of males to females in the various counties, is shown in Table I of Births.

The greatest number of births in any one month, occurred in March, 1868, during which 2,043 children were born, while the month least prolific, was May, 1867, which produced but 1,372, or 671 less than March.

The following table exhibits the

BIRTHS IN QUARTERLY RATES.

Quarter ending June, 1867,	4,330
" " September, 1867,	4,887
" " December, 1867,	4,717
" " March, 1868,	5,501
Not stated,	109

NATIVITY.

The percentage of the nativities of children born, is

American,	58.28
Foreign,	26.27
American father and foreign mother,	4.50
Foreign father and American mother,	7.15
Unknown,	3.80

The nativity of the parents of children born during the year, is shown at length in Table II.

RACES.

The number of children born of African and Indian descent, is shown below by counties, in which the births occurred:

COUNTIES.	Total.	African.		Indian.	
		Male.	Fem.	Male.	Fem.
Allegan,	2	1	1	....	.....
Berrien,	16	10	6	....	.....
Calhoun,	10	4	6	....	.....
Cass,	38	20	18	....	.....
Emmet,	5	....	....	5	.....
Genesee,	1	....	1	....	.....
Houghton,	19	....	....	9	10
Ingham,	4	1	3	....	.....
Kalamazoo,	4	....	4	....	.....
Kent,	1	....	1	....	.....
Lapeer,	2	....	2	....	.....
Lenawee,	5	4	1	....	.....
Macomb,	1	1	....	....	.....
Manistee,	1	1	....	....	.....
Mecosta,	1	....	1	....	.....
Monroe,	2	....	2	....	.....
Montcalm,	2	....	2	....	.....
Oakland,	3	2	1	....	.....
St. Clair,	1	....	1	....	.....
St. Joseph,	1	1	....	....	.....
Van Buren,	6	1	5	....	.....
Washtenaw,	13	6	7	....	.....
Wayne,	3	2	1	....	.....
Total,	141	54	63	14	10

PLURAL BIRTHS.

Triplets.—But one case of triplets was reported to this office. That occurred in the city of Marshall, Calhoun county, of Irish parentage, and was composed of 2 males and 1 female.

Twins.—There were 226 cases of twin births reported, producing 452 children, of which 223 were males, and 229 were females. The proportion of twin children to those of single birth is as 1 to 43¼.

Illegitimate.—There were 121 illegitimate children born, of which 66 were males and 55 females; making 1 illegitimate child to 160½ of legitimate birth, or a little over six-tenths of one per cent. of all the births in the State.

Still-born.—The number of still-births reported was 27. These were erroneously reported in the returns of deaths, and do not enter into the tables of this report, except in the classification of diseases.

TABLE I.

BIRTHS, by Counties—Proportion of Males to Females.

COUNTIES.	Males, Per Cent.	Females, Per Cent.	No. of Males to 100 Females.
Allegan,	50.39	49.61	102
Alpena,	48.57	51.43	93
Antrim,	42.31	57.69	73
Barry,	50.22	49.78	101
Bay,	52.33	47.67	109
Berrien,	51.12	48.88	105
Branch,	49.37	50.63	97
Calhoun,	51.88	48.12	108
Cass,	52.83	47.17	112
Cheboygan,	53.85	46.15	117
Chippewa, (not returned,)	.....	.....	.....
Clinton,	48.07	51.93	93
Delta,	70.83	29.17	243
Eaton,	54.15	45.85	118
Emmet,	55.77	44.23	126
Genesee,	50.40	49.60	102
Grand Traverse,	51.43	48.57	106
Gratiot,	48.86	51.14	95
Hillsdale,	50.44	49.56	102
Houghton,	52.7	47.3	111
Huron,	48.03	51.97	92
Ingham,	52.85	47.15	112
Ionia,	52.89	47.11	112
Iosco,	37.04	62.96	59
Isabella,	46.53	53.47	87
Jackson,	54.66	45.34	121
Kalamazoo,	53.83	46.17	117
Kent,	52.05	47.95	109
Keweenaw, (not returned,)	.....	.....	.....
Lapeer,	52.58	47.43	111

TABLE I.—BIRTHS,—CONTINUED.

COUNTIES.	Males, Per Cent.	Females, Per Cent.	No. of Males to 100 Females.
Leelanaw, (not returned,)	.....	.....	.....
Lenawee,	51.62	48.38	107
Livingston,	54.11	45.89	118
Mackinac, (not returned,)	.....	.....	.....
Macomb,	52.41	47.59	110
Manistee,	52.67	47.33	117
Manitou, (not returned,)	.....	.....	.....
Marquette,	57.02	42.98	133
Mason,	54.55	45.45	220
Mecosta,	60.36	39.64	150
Menominee,	40.91	59.09	69
Midland,	40.28	59.72	68
Monroe,	51.9	48.1	108
Montcalm,	51.92	48.08	108
Muskegon,	50.79	49.21	105
Newaygo,	46.94	53.06	88
Oakland,	51.6	48.4	107
Oceana,	53.33	46.67	114
Ontonagon,	43.24	56.76	76
Ottawa,	53.97	46.03	117
Saginaw, (not returned,)	.....	.....	.....
Sanilac,	52.35	47.65	110
Shiawassee,	56.06	43.94	127
St. Clair,	54.25	45.75	118
St. Joseph,	54.00	46.00	117
Tuscola,	52.34	47.66	110
Van Buren,	53.11	46.89	113
Washtenaw,	52.97	47.03	113
Wayne,	50.29	49.71	101
State,	52.08	47.92	109

TABLE II.—BIRTHS.

EXHIBITING the Sex, condition, (as twin or illegitimate,) and Parentage of Children born in the several Counties, during the year ending April 5, 1868.

COUNTIES.	Number of Births.	Sex.			Condition.				Nativity of Parents.				
					Twins.		Illegm'te						
		Males.	Females.	Unknown.	Male.	Fem.	Male.	Fem.	American.	Foreign.	Am. Fa. For'gn Mo.	For'gn Fa. Am. Mo.	Unknown.
Allegan,	516	258	254	4	6	8	....	2	270	165	25	34	22
Alpena,	36	17	18	....	....	....	....	....	13	11	5	5	1
Antrim,	52	22	30	....	4	2	....	....	29	15	2	5	1
Barry,	463	232	220	1	2	2	2	....	313	61	32	39	18
Bay,	193	101	92	....	2	2	....	....	37	51	4	16	85
Berrien,	847	432	413	2	13	9	7	1	536	192	38	73	8
Branch,	557	275	282	...	4	2	3	1	474	35	20	27	1
Calhoun,	778	401	372	5	12	12	....	1	508	174	34	48	14
Cass,	415	215	192	8	7	3	2	....	371	15	8	16	5
Cheboygan,	13	7	6	....	....	....	...	....	3	5	3	1	1
Chippewa(not	return	ed.)	..	.....	....	....	....	....	....	....	....	....	...
Clinton,	233	112	121	....	2	....	....	1	158	32	7	17	19
Delta,	24	17	7	....	2	....	1	....	5	15	1	3	...
Eaton,	508	279	232	2	3	15	....	....	440	21	13	25	9
Emmet,	52	29	23	...	1	1	2	1	36	7	5	3	1
Genesee,	631	318	313	....	12	6	3	3	423	121	30	48	9
Gr'd Traverse,	105	59	51	....	....	....	....	....	49	30	7	2	17
Gratiot,	220	107	112	1	5	7	3	....	168	26	5	9	12
Hillsdale,	563	284	279	....	3	9	....	....	473	34	18	38	...
Houghton,	74	39	35	....	3	1	....	2	20	38	5	11	...
Huron,	234	110	119	5	7	4	....	....	23	171	9	23	8
Ingham,	459	241	215	3	6	10	1	2	310	66	19	25	39
Ionia,	451	238	212	1	7	9	....	....	310	46	15	39	41
Iosco,	27	10	17	....	....	2	....	1	9	10	6	2	...
Isabella,	101	47	54	....	....	....	....	1	79	13	....	9	...
Jackson,	623	340	282	1	9	3	1	2	436	105	20	43	19
Kalamazoo,	644	344	295	5	10	8	2	2	426	137	32	42	7
Kent,	742	368	339	35	6	4	....	1	374	197	37	79	55
Keweenaw,	..	(not	return	ed.)	..	....	....	....	....	....	....	....	...
Lapeer,	449	234	211	4	....	2	3	2	212	126	42	39	30

TABLE II.—BIRTHS,—CONTINUED.

COUNTIES.	Number of Births.	Sex.			Condition.				Nativity of Parents.				
					Twins.		Illeg'm'te						
		Males.	Females.	Unknown.	Male.	Fem.	Male.	Fem.	American.	Foreign.	Amer. Fa. Foreign Mo.	Foreign Fa. Amer. Mo.	Unknown.
Leelanaw, (not	return	ed.)...	.....	....	....	....	....	....	.....	.....	....	.....	...
Lenawee, ...	871	445	417	9	14	14	4	2	540	172	42	55	62
Livingston, ..	383	204	173	6	5	3	1	2	284	54	12	23	10
Mackinac, (not	return	ed.) ..	.....	....	....	....	....	....	.....	.....	...	.....	...
Macomb, ...	561	294	267	....	9	9	1	....	262	215	34	50	...
Manistee, ...	131	69	62	....	4	2	....	...	59	61	5	5	1
Manitou, (not	return	ed.) ..	.....	....	....	....	....	....	.....	.....	....	.....	...
Marquette, ...	114	65	49	....	....	....	....	....	3	105	....	6	...
Mason, ...	22	12	10	....	...	....	....	....	10	9	....	1	2
Mecosta, ...	112	67	44	1	....	....	....	....	49	38	11	9	5
Menominee, .	22	9	13	....	....	....	....	....	10	4	1	7	...
Midland, ...	73	29	43	1	....	....	....	....	39	16	7	3	8
Monroe, ...	584	300	278	6	8	....	3	1	360	144	31	47	2
Montcalm, ...	260	135	125	....	5	7	2	2	182	38	10	14	15
Muskegon, ...	316	160	155	1	1	1	1	....	109	152	13	40	2
Newaygo, ...	104	46	52	6	....	....	....	2	66	16	4	6	12
Oakland, ...	562	290	272	....	1	5	....	4	358	94	32	42	36
Oceana, ...	180	96	84	....	1	3	....	2	111	37	11	17	4
Ontonagon, ..	74	32	42	....	....	2	....	....	8	56	4	6	...
Ottawa, ...	705	374	319	12	7	9	5	1	212	416	26	29	22
Saginaw, (not	return	ed)..	.....	....	....	....	....	....	.....	.....	....	.....	...
Sanilac, ...	319	167	152	....	3	3	3	1	26	230	34	29	...
Shiawassee, ..	330	185	145	....	....	6	1	1	228	44	20	23	15
St. Clair, ...	858	447	377	34	11	5	2	2	241	556	23	24	14
St. Joseph, ...	518	278	237	3	8	4	....	2	402	60	11	27	18
Tuscola, ...	214	112	102	....	....	....	....	....	96	69	8	12	29
Van Buren, ..	649	342	302	5	7	11	2	2	519	46	28	48	8
Washtenaw, ..	696	366	325	5	6	12	4	3	351	218	23	64	40
Wayne, ...	877	438	433	6	6	12	9	5	360	365	47	89	16
Total, ...	19,544	10,088	9,284	172	222	229	66	55	11,391	5,134	879	1,397	743

TABLE III.—BIRTHS.

EXHIBITING, by Counties, the number of Children born in each Month, during the year ending April 5, 1868.

COUNTIES.	MONTHS.												
	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.
Allegan,	52	38	31	40	46	42	53	41	41	36	46	49	1
Alpena,	3	1	2	2	2	....	3	2	3	5	5	7	....
Antrim,	5	2	6	3	2	4	9	4	....	10	1	6	....
Barry,	35	33	34	47	41	33	43	37	44	45	28	41	2
Bay,	21	13	11	13	17	21	14	16	18	15	13	19	2
Berrien,	62	50	51	69	80	59	71	68	78	82	89	88	....
Branch,	45	39	31	38	46	50	51	43	45	44	54	70	1
Calhoun,	60	59	56	61	57	75	68	60	72	70	75	61	4
Cass,	27	34	23	34	36	39	26	34	38	37	37	44	6
Cheboygan,	1	1	1	...	....	....	2	1	1	2	2	2	....
Chippewa, (not returned.)	....	....	....	....	....	....	....	....	....	....	....	....	....
Clinton,	22	20	19	21	25	15	18	22	16	18	23	14	....
Delta,	3	1	....	1	6	3	....	1	3	3	1	2	....
Eaton,	34	30	28	34	54	34	47	38	48	52	49	55	5
Emmet,	3	4	2	2	6	2	2	5	11	4	5	1	....
Genesee,	54	42	55	47	58	55	53	50	34	63	53	67	...
Grand Traverse,	8	7	14	11	8	7	5	7	6	10	11	10	1
Gratiot,	21	16	17	15	18	23	18	18	20	16	13	25	....
Hillsdale,	37	34	41	44	46	62	42	61	56	48	38	54	....
Houghton,	5	2	4	4	8	5	9	6	7	8	4	10	2
Huron,	23	16	21	11	17	20	10	15	20	22	18	40	1
Ingham,	24	43	33	37	28	48	39	26	29	37	32	55	28
Ionia,	38	33	41	29	44	40	38	40	28	33	45	41	1
Iosco,	2	1	3	1	4	2	1	2	1	1	1	1	7
Isabella,	13	11	6	11	4	5	5	9	13	5	10	9	....
Jackson,	38	59	51	45	50	54	54	43	54	42	57	74	2
Kalamazoo,	63	36	37	51	49	51	63	61	52	51	66	63	1
Kent,	68	55	58	51	47	72	66	55	50	71	61	81	7
Keweenaw, (not returned.)	..	...	..	..	...	..	...	....	....	....	....	....	....
Lapeer,	42	27	27	43	48	42	38	28	37	34	41	42	....

TABLE III.—BIRTHS,—CONTINUED.

COUNTIES.	MONTHS.												
	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.
Leelanaw, (not returned.)	....	....	....	....	....	....	....	....	....	....	....	....	....
Lenawee,	69	55	71	65	89	68	72	68	72	74	86	82	....
Livingston,	28	36	23	27	29	28	33	27	30	33	37	50	2
Mackinac, (not returned.)	....	....	....	....	....	....	....	....	....	....	....	....	....
Macomb,	18	....	5	47	54	62	62	57	53	59	69	75	....
Manistee,	21	3	6	10	9	14	8	10	10	12	8	19	1
Manitou, (not returned.)	....	....	....	....	....	....	....	....	....	....	....	....	....
Marquette,	19	13	7	6	9	5	4	5	6	9	13	18	....
Mason,	2	....	....	1	1	5	6	....	1	1	2	3	....
Mecosta,	10	9	9	7	11	10	12	6	6	16	7	9	....
Menominee,	1	1	....	....	2	2	4	2	....	3	3	4	....
Midland,	3	4	6	11	11	4	7	3	6	3	6	8	1
Monroe,	50	39	53	41	32	44	63	45	42	50	59	64	2
Montcalm,	26	26	21	20	27	21	22	10	16	24	20	26	1
Muskegon,	14	19	33	28	25	27	24	31	19	27	39	29	1
Newaygo,	17	8	7	11	8	8	7	11	5	8	7	6	1
Oakland,	48	43	35	41	49	51	35	50	51	51	44	61	....
Oceana,	13	11	21	13	24	15	12	17	14	11	11	18	....
Ontonagon,	4	7	9	6	5	6	10	2	6	4	9	6	....
Ottawa,	72	47	59	77	54	47	57	36	54	61	45	90	6
Saginaw, (not returned.)	....	....	....	....	....	....	....	....	....	....	....	....	....
Sanilac,	37	27	25	23	23	27	22	13	20	39	29	33	1
Shiawassee,	20	26	23	29	26	25	30	30	28	38	29	26	....
St. Clair,	64	61	50	67	97	66	73	61	63	75	87	86	8
St. Joseph,	48	41	51	37	42	46	39	38	36	41	46	53	....
Tuscola,	16	21	17	20	11	17	22	16	16	13	17	17	11
Van Buren,	45	59	52	56	67	52	44	56	52	58	51	56	1
Washtenaw,	52	61	41	60	54	66	64	48	59	44	67	80	....
Wayne,	67	45	56	73	98	62	81	66	64	81	89	93	2
Total,	1573	1372	1385	1542	1704	1641	1661	1302	1554	1699	1759	2043	109

MARRIAGES.

The number of marriages during the year ending April 5, 1868, was five thousand seven hundred and three.

The largest number of marriages occurred in the month of December, 1867, being eight hundred and seventy-six, (876,) and the least number during any one month was in April, 1867, being only one hundred and eighty-one, (181.)

The number married in each month during the year, is shown by counties, in Table I of marriages.

The following gives an exhibit of the

MARRIAGES IN QUARTERLY RATES:

Quarter ending June, 1867,	527
" " September, 1867,	1,296
" " December, 1867,	2,489
" " March, 1868,	1,377
Not stated,	14

Thus it is seen that the number of marriages solemnized during the quarter ending December, is by far the largest. This is influenced by custom and religious observances. Our "Thanksgiving" and "Christmas," and the near approach of "Happy New Year," seems to make this season the favored time for entering into the marriage relation.

The following interesting table exhibits the ages, respectively, of parties married during the year ending April 5th, 1868:

Ages of Males.	Ages of Females.														
	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Unknown.	Total Males.
Under 20,.....	130	26	3	....	....	..	..	..	..	..	..	..	..	2	161
20 to 25,.....	1262	871	111	12	7	1	2	..	..	..	..	..	..	13	2279
25 to 30,.....	608	768	273	38	19	3	2	..	..	..	..	..	..	9	1720
30 to 35,.....	122	212	162	75	18	4	1	..	..	..	..	..	..	9	603
35 to 40,.....	38	69	82	51	24	13	3	..	..	1	..	..	..	2	283
40 to 45,.....	5	34	39	39	31	15	7	..	1	..	..	..	..	....	171
45 to 50,.....	10	17	11	23	32	20	11	3	..	..	..	..	..	1	128
50 to 55,.....	1	4	18	28	19	16	13	7	1	1	..	..	..	1	109
55 to 60,.....	....	3	3	8	8	12	8	7	3	2	1	..	..	....	55
60 to 65,.....	1	2	2	1	4	2	5	12	4	1	..	1	..	....	35
65 to 70,.....	1	....	2	1	4	3	2	4	2	2	6	2	..	....	29
70 to 75,.....	....	....	....	....	....	..	2	3	2	3	4	..	..	....	14
75 to 80,.....	....	....	....	....	....	..	1	..	..	..	..	1	1	....	3
80 and over,...	....	....	....	....	....	..	..	..	..	1	..	..	..	....	1
Unknown,.....	1	2	1	....	....	..	..	..	..	..	..	..	..	108	112
Total Females,..	2179	2008	707	276	166	89	57	36	13	11	11	4	1	145	5703

Of the whole number of persons married, over 20 per cent. were under twenty years of age, while over 58 per cent. were under twenty-five.

Of the whole number of females married, over 38 per cent. were under twenty years of age, while over 73 per cent. were under twenty-five.

Less than three per cent. of the males were under twenty years, and less than 43 per cent. were under twenty-five.

The oldest person married was a man aged 82 years, a resident of Ionia county, who found his bride, a lady of 61 years, in the county of Genesee.

The oldest bride in the State was aged 75 years, a resident of Lapeer county. Her fortunate spouse was aged 79 years. These constitute the oldest couple married in the State.

One man in Eaton county, aged 66 years, led a bride of 19 summers to the hymenial altar; while the youngest worshiper at the matrimonial shrine was a female in Tuscola county, of the age of 13.

Three thousand eight hundred and fifty-four females showed their appreciation of that wisdom acquired by superior age, by marrying husbands older than themselves, while but 283 men chose wives superior to themselves in years.

The average age of parties married during the year is as follows:

Males,	28½ years.
Females,	23½ "
Both sexes,	26 "

NATIVITY.

The whole number of purely American marriages was three thousand two hundred and ninety-three, (3,293,) and the whole number of marriages in which the parties were foreigners exclusively, was six hundred and ninety-five, (695.)

There were six hundred and ninety-two marriages in which one party was a foreigner; and the number of marriages returned, with the nativity of the parties not stated, was ten hundred and twenty-three, (1023.)

The percentage of the nativities is as follows:

American,	57.74
Foreign,	12.19
American male and foreign female,	4.68
Foreign male and American female,	7.45
Unknown,	17.94

In the marriages composed of one foreign party, one hundred and fifty-eight more foreign males married Americans, than American males married foreigners.

In connection with the subject of nativity, some interesting facts may be stated from the reports of the Commissioners of Emigration. During the year 1868, the whole number of emigrants arriving at the port of New York was 213,686, representing thirty-two nationalities, of which nearly one-half were Germans.

Of the whole number, 65,714 remained in New York, 34,625 went to Illinois, 16,537 to Wisconsin, 11,133 to Ohio, while only 7,324 came to Michigan.

Table II of marriages, shows by counties, the nativities and ages in years, of parties married during the year.

TABLE I.—MARRIAGES.

DISTINGUISHING, by Counties, and by Months, the number of Marriages Registered during the year ending April 5, 1868.

COUNTIES.	MONTHS.													
	April.	May.	June.	July.	August.	Sept.	October.	November.	December.	January	February.	March.	Unknown	No. of Marriges.
Allegan,	.....	.....	.....	4	6	11	19	22	32	15	4	8	.....	121
Alpena,	.....	.....	.....	.....	2	1	.....	2	.....	2	2	2	.....	11
Antrim,	.....	1	.....	.....	1	.....	2	.....	.....	.....	.....	1	.....	5
Barry,	1	1	1	4	10	7	24	10	10	13	13	2	3	99
Bay,	8	16	4	12	6	11	9	14	11	5	5	1	.....	102
Berrien,	28	31	31	27	23	47	52	44	45	23	18	12	.....	391
Branch,	.....	1	3	13	11	19	32	15	21	19	16	6	.....	156
Calhoun,	6	2	3	4	17	21	37	34	38	24	12	12	.....	210
Cass,	16	20	13	14	21	27	24	19	32	21	17	19	.....	243
Cheboygan,	.....	.....	.....	.....	1	.....	.....	2	2	1	.....	.....	.....	6
Chippewa, (not returned.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
Clinton,	6	1	2	3	9	14	17	8	18	16	10	11	.....	120
Delta,	.....	.....	1	.....	1	.....	2	4	2	.....	3	2	.....	15
Eaton,	9	22	15	25	20	15	34	15	16	13	10	2	.....	196
Emmet,	.....	1	1	3	.....	2	2	2	.....	.....	1	1	.....	13

Genesee,	.....	.....	.....	4	12	20	44	19	36	17	11	8	1	182
Grand Traverse,	2	7	1	9	5	9	8	1	6	5	3	4	.....	60
Gratiot,	2	3	1	5	7	9	8	10	11	8	4	9	.....	77
Hillsdale,	1	2	2	7	11	27	38	29	45	22	18	8	.....	210
Houghton,	5	.....	.....	.....	.....	.....	4	1	1	2	2	.....	2	17
Huron,	4	4	1	2	6	4	3	5	3	4	1	3	.....	40
Ingham,	16	17	19	23	9	27	42	27	24	19	13	7	3	246
Ionia,	4	1	5	5	9	25	35	16	28	22	19	14	.....	183
Iosco,	.....	.....	1	.....	2	1	2	1	.....	1	2	.....	.....	10
Isabella,	.....	.....	.....	.....	2	3	7	5	3	4	3	.....	.....	27
Jackson,	1	.....	4	10	8	29	27	30	37	23	11	13	.....	184
Kalamazoo,	1	.....	.....	2	13	15	29	24	34	23	7	10	.....	158
Kent,	8	7	3	10	16	39	42	26	39	37	14	31	.....	272
Keweenaw, (not returned.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lapeer,	.....	.....	2	2	4	13	16	16	25	9	9	1	.....	97
Leelanaw,	.....	.....	.....	.....	.....	2	2	3	4	2	8	2	.....	23
Lenawee,	.....	1	1	3	4	9	26	40	34	31	21	10	.....	180
Livingston,	2	.....	2	3	5	15	11	21	18	13	11	11	.....	112
Mackinac, (not returned.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Macomb,	.....	.....	1	1	3	6	23	23	21	16	8	4	.....	106
Manistee,	12	1	2	5	8	6	4	8	10	2	6	10	.....	74
Manitou, (not returned.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE I.—MARRIAGES,—CONTINUED.

COUNTIES.	MONTHS.													
	April	May.	June.	July.	August.	Sept.	October.	November.	December.	January.	February.	March.	Unknown.	No. of Marriages.
Marquette,	.....	.....	.....	1	2	11	7	.....	.....	1	1	.....	.....	23
Mason,	.....	2	.....	2	3	.....	3	1	3	4	1	.....	.....	19
Mecosta,	.....	.....	.....	.....	.....	.....	.....	6	3	4	3	7	.....	23
Menominee,	.....	3	2	.....	1	.....	.....	1	.....	2	.....	1	.....	10
Midland,	1	.....	1	2	1	2	1	1	3	5	2	1	.....	20
Monroe,	1	1	6	1	6	5	12	20	10	15	13	5	1	96
Montcalm,	6	6	6	10	5	6	7	2	9	5	5	2	.....	69
Muskegon,	2	1	.....	10	5	11	10	18	14	8	5	10	1	95
Newaygo,	.....	.....	.....	3	2	5	10	4	5	4	2	4	2	41
Oakland,	3	1	1	2	4	4	11	24	29	22	14	13	1	129
Oceana,	.....	.....	.....	.....	.....	4	6	8	7	10	4	6	.....	45
Ontonagon,	1	2	1	1	2	2	.....	.....	.....	.....	.....	.....	.....	9
Ottawa,	.....	2	.....	11	12	12	24	9	15	15	10	12	.....	122
Saginaw, (not returned.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sanilac,	2	4	5	9	5	8	4	10	14	2	2	6	.....	71
Shiawassee,	.....	.....	.....	5	7	12	13	17	15	13	11	1	.....	94

St. Clair,	3	5	4	23	22	22	29	30	28	18	5	15	.....	204
St. Joseph,	23	17	8	25	18	30	33	35	41	15	15	13	.....	276
Tuscola,	2	1	2	1	5	3	15	8	8	15	8	7	.....	75
Van Buren,	1	.....	1	7	10	11	22	21	28	22	11	7	.....	141
Washtenaw,	4	5	1	6	5	32	29	31	35	26	14	7	.....	195
Wayne, (not returned.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
State,	181	183	157	324	367	605	864	752	873	628	408	341	14	5,703

TABLE II.—MARRIAGES.

DISTINGUISHING, by Counties, the Nativities and Ages, in Years, of Parties Married during the Year ending April 5, 1868.

COUNTIES.	NATIVITY.						AGES, IN YEARS.														
	Couples.	American.	Foreign.	Amer. Males, and For'n Females.	For'n Males, and Am. Females.	Unknown.	Under twenty.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Allegan,	121	82	18	5	7	9	43	89	58	18	15	10	4	4	1	....	....	....	....	....	....
Alpena,	11	1	5	5	.....	.....	5	2	7	3	3	....	2	....	....	....	....	....	....	....	....
Antrim,	5	2	2	.....	1	.....	1	1	3	2	1	1	....	....	1	....	....	....	....	....	....
Barry,	99	69	5	3	9	13	52	78	31	12	7	4	3	2	1	2	....	....	....	....	6
Bay,	102	15	17	4	1	65	40	68	55	15	10	1	1	1	....	....	....	....	....	....	13
Berrien,	391	230	31	14	20	96	148	307	160	69	34	20	12	9	5	3	2	2	....	....	11
Branch,	156	134	1	3	6	12	74	126	66	22	9	7	3	2	....	1	2	....	....	....	....
Calhoun,	210	130	21	2	10	47	62	188	94	32	15	10	7	7	3	2	1	....	....	....	4
Cass,	243	99	1	2	4	137	118	183	102	30	9	10	9	9	6	2	2	....	....	....	11
Cheboygan,	6	1	3	2	.....	.....	4	4	3	1	....	....	....	....	....	....	....	....	....	....	....
Chippewa, (not returned,)	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....
Clinton,	120	85	4	5	10	16	52	91	45	14	6	9	7	3	1	....	....	....	....	....	12
Delta,	15	5	6	1	1	2	6	12	5	3	3	....	1	....	....	....	....	....	....	....	....

Eaton,	196	70	2	3	5	116	91	136	78	28	20	7	8	7	2	3	3	1	....	....	8
Emmet,	18	5	.....	1	2	5	12	7	3	....	2	....	2	....	....	....	....	....	....	....	....
Genesee,	182	125	11	12	15	19	71	129	84	26	15	7	9	6	4	3	3	2	....	1	4
Grand Traverse,	60	28	14	4	5	9	32	48	25	4	6	2	1	1	....	1	....	....	....	....	....
Gratiot,	77	55	4	3	12	3	43	56	26	10	7	2	1	....	1	1	1	1	....	....	5
Hillsdale,	210	160	3	6	4	37	89	172	85	23	15	8	10	5	1	3	1	....	....	....	8
Houghton,	17	13	.....	.....	.....	4	5	10	7	3	2	1	....	....	....	....	....	....	....	....	6
Huron,	40	3	12	.....	5	20	23	24	11	6	5	1	3	....	....	....	1	....	....	....	6
Ingham,	246	188	7	18	19	19	81	191	116	46	15	10	11	9	4	2	1	2	....	....	4
Ionia,	183	128	7	11	16	21	85	136	67	27	17	12	5	3	5	1	4	....	....	....	4
Iosco,	10	4	2	1	2	1	6	7	4	1	2	....	...	....	....	....	....	....	....	....	....
Isabella,	27	21	1	2	3	.....	14	26	5	3	2	....	....	2	1	....	1	....	....	....	....
Jackson,	184	132	17	5	16	14	65	142	71	41	15	12	6	5	5	....	2	2	....	....	2
Kalamazoo,	158	115	19	4	13	7	54	116	78	26	13	7	6	4	1	3	1	....	....	....	7
Kent,	272	167	45	27	32	1	118	200	111	57	21	9	7	9	5	2	....	....	....	....	5
Keweenaw, (not returned,)	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....
Lapeer,	97	40	18	10	12	17	45	70	50	8	3	1	1	3	2	1	2	....	2	....	6
Leelanaw,	23	10	8	1	3	1	17	11	11	2	2	1	1	1	....	....	....	....	....	....	....
Lenawee,	180	143	14	7	6	10	66	136	93	16	12	5	4	3	3	2	....	....	....	....	20
Livingston,	112	74	12	.....	7	19	26	106	39	9	10	6	6	2	1	2	1	1	....	....	5
Mackinac, (not returned,)	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....
Macomb,	106	60	20	8	18	.....	43	82	46	25	7	3	2	2	....	2	....	....	....	....	....

TABLE II.—MARRIAGES,—CONTINUED.

COUNTIES.	Nativity						Ages, in Years.														
	Couples.	American.	Foreign.	Amer. Males, and For'n Females.	For'n Males, and Am. Females.	Unknown.	Under twenty.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Manistee,	74	20	35	3	12	4	35	49	31	15	5	2	2	1	....	....	1	....	....	....	7
Manitou, (not returned.)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marquette,	23	6	11	1	2	3	6	15	12	8	1	1	....	....	....	....	....	....	....	....	3
Mason,	19	10	3	3	2	1	15	14	1	4	....	1	1	....	....	....	....	....	....	....	2
Mecosta,	23	14	....	....	9	....	17	11	11	4	1	1	1	....	....	....	....	....	....	....	....
Menominee,	10	10	....	....	....	3	5	1	1	....	2	7	6	....	2	2	1	....	....	....	....
Midland,	20	9	4	3	1	3	10	10	7	1	2	2	3	1	1	....	....	....	....	....	3
Monroe,	96	42	22	3	9	20	22	70	45	13	10	4	1	2	....	9	....	1	1	....	23
Montcalm,	69	39	1	2	3	24	38	49	25	16	4	3	1	....	....	1	....	1	....	....	....
Muskegon,	95	39	31	2	17	6	40	60	47	17	7	5	6	1	3	1	....	....	....	....	3
Newaygo,	41	27	4	5	5	....	25	29	12	8	3	1	....	3	....	....	....	....	....	....	1
Oakland,	129	91	11	8	4	15	27	100	61	29	17	5	....	6	....	2	....	....	....	....	11
Oceana,	45	30	6	4	4	1	27	31	24	2	2	2	....	....	....	1	1	....	....	....	....
Ontonagon,	9	....	....	....	....	9	2	4	2	1	1	....	....	....	....	....	....	....	....	....	8

Ottawa,	122	38	58	10	12	4	48	78	51	14	18	7	7	4	3	1	2	2	....	....	9
Saginaw, (not returned,)	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....
Sanilac,	71	5	42	10	14	.....	38	49	31	7	5	3	2	3	2	....	....	....	....	....	2
Shiawassee,	94	69	5	3	7	10	42	80	32	17	7	2	3	....	1	....	2	....	....	....	2
St. Clair,	204	42	67	20	13	62	83	106	86	33	14	7	2	2	....	....	2	....	....	...	23
St. Joseph,	276	154	8	5	5	104	104	238	110	39	12	14	9	7	4	3	....	2	....	....	10
Tuscola,	75	43	12	6	12	2	39	59	23	3	8	8	3	3	....	....	....	....	....	....	4
Van Buren,	141	106	1	3	9	22	64	105	56	14	16	8	6	6	....	1	....	....	....	....	6
Washtenaw,	195	112	39	11	20	13	50	161	102	33	14	11	8	1	6	1	3	....	....	....	....
Wayne, (not returned,)	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....
Total,	5,703	3,293	695	267	425	1,023	2,330	4,324	2,414	860	452	255	188	139	73	47	39	17	3	1	264

TABLE III.—MARRIAGES.

SHOWING, by Counties, the number of Marriages in which the Races of the Parties were other than White.

COUNTIES.	RACES.	
	African.	Indian.
Berrien,	4	.....
Branch,	1	.....
Calhoun,	1	.....
Cass,	5	.....
Emmet,	.....	8
Hillsdale,	1	1
Ingham,	2	.....
Jackson,	2	.....
Kalamazoo,	4	.....
Kent,	3	.....
Leelanaw,	.....	2
Marquette,	1	.....
Mason,	.....	2
Mecosta,	1	.....
Montcalm,	1	.....
Oakland,	2	.....
Shiawassee,	.....	1
St. Clair,	1	.....
Van Buren,	1	.....
Washtenaw,	5	.....
Total,	35	14

CAUSES OF DEATH.

The observations contained in this report on specified causes of death, are of necessity based strictly upon the returns received at this Department. There is, on examination, no apparent reason for considering them more imperfect than those of births or marriages. Yet the fact of a birth or marriage having occurred, is more easily obtained than the scientific name of a disease, or the true cause of a death.

Some discrepancies are doubtless contained in the returns, resulting not only from the imperfect information given to supervisors and assessors, by heads of families and others cognizant of a death, but also from an imperfect diagnosis by physicians.

METEOROLOGICAL TABLE FOR THE YEAR.

MONTH.	Mean Temperature.	Am't of rain-fall.
April, 1867,.....	48° 20	2.190 inches.
May, "	51° 11	3.809 "
June, "	71° 61	2.828 "
July, "	71° 60	1.782 "
Aug., "	69° 78	1.740 "
Sept., "	56° 60	1.419 "
Oct., "	50° 60	2.108 "
Nov., "	40° 44	1.774 "
Dec., "	25° 31	1.340 "
Jan., 1868,.....	19° 00	1.470 "
Feb., "	18° 70	1.280 "
March, "	37° 80	4.650 "
Mean temperature for year,....	46° 73	
Total rain-fall,.....		26.39 inches.

The Weather—Is an important agent in connection with the public health. Through the courtesy of the authorities at the Agricultural College, Lansing, we are enabled to give the foregoing table of observations made at that institution. For the sake of comparison it was desired to give similar tables from other localities, but none were accessible.

No epidemic diseases have prevailed to any extent during the year.

Ten (10) persons lost their lives by railroad accidents. One (1) by lightning. Twenty (20) committed suicide. Eleven (11) murders are reported. Fifteen (15) died from poison, (whether accidental or intentional, not stated,) and one (1) from excessive heat.

Only two deaths are reported from wounds received in the United States service. This number would be augmented, without doubt, if a complete classification of the causes of deaths could have been made, showing that diseases contracted while in the service, and in rebel prisons, at last proved fatal, largely increasing the number of thirteen thousand six hundred and fifty Michigan men, who fell in action or died from wounds received during the late war of the rebellion.

TABLE

EXHIBITING, by Sex and Age, the Number of Deaths from all causes, during the year ending April 5, 1868.

AGE.	Males.	Females.	Unknown.	Per Cent. of the Sexes.			Per Cent. of whole No. of Deaths.
				Male.	Female.	Unknown	
Under 5 years,	1,195	925	32	55.53	42.98	1.49	34.43
5 to 10,.....	163	150	7	50.94	46.87	2.19	5.12
10 to 15,.....	105	114	..	47.94	52.06	.....	3.50
15 to 20,.....	131	162	..	44.71	55.29	.....	4.69
20 to 30,.....	300	370	..	44.78	55.22	.....	10.72
30 to 40,.....	212	249	..	45.99	54.01	.....	7.38
40 to 50,.....	237	192	..	55.24	44.76	.....	6.86
50 to 60,.....	273	186	..	59.48	40.52	.....	7.35
60 to 70,.....	276	187	..	59.61	40.39	.....	7.41
70 to 80,.....	225	160	..	58.44	41.56	.....	6.16
80 and over,...	124	95	..	56.62	43.38	.....	3.50
Unknown, ...	61	109	10	33.89	60.56	5.55	2.88
Totals,.....	3,302	2,899	49	52.83	46.38	00.79	100.00

It is a surprising fact that of the whole number of deaths reported, from all causes, more than one-third were those of children under five years of age.

Whether or not this is the result of an imperfect knowledge of physiology and hygiene, diet, or a constitutional necessity, it is not practicable to discuss here. But it most certainly demands the highest consideration, not only of scientific men, but of the fathers and mothers of our State. Is not the large proportion of early deaths caused by insufficient and unsuitable clothing and improper diet?

The following table gives the number of deaths in quarterly rates, showing an increase through the year:

Quarter ending	June, 1867,	1,261
" "	September, 1867,	1,512
" "	December, 1867,	1,558
" "	March, 1868,	1,817
Not stated,		102

The estimated average age of all persons who died during the year, is as follows: Males, twenty-nine; females, twenty-six; both sexes, twenty-eight.

Table III of deaths shows, by counties, the ages in years, and sex, of all who died.

The name, place of death, and age of each person who died in the State during the year, aged ninety-nine or over, is shown below:

NAME.	AGES.			PLACE OF DEATH.
	Year.	Month.	Day.	
Jacob Poland,	104	....	...	Bridghampton, Sanilac Co.
Susanna Dubois,	103	....	...	Port Huron, St. Clair Co.
Catharine B. Kimball,	100	5	11	Franklin, Lenawee Co.
Roswell Raymond,	99	10	7	Marathon, Lapeer Co.
John McWilliams,	99	3	...	City of Flint, Genesee Co.
Debora Dopp,	99	1	20	Reading, Hillsdale Co.
John Warner,	99	....	...	Brooklyn, Jackson Co.

The following table enumerates the ten causes producing the highest rate of mortality, with the number of deaths resulting therefrom, and percentage of all deaths in the State;

Cause of Death.	Number.	Percentage.
Consumption,.....	952	15.23
Typhoid Fever,.....	362	5.79
Pneumonia,.....	313	5.01
Dysentery,.....	258	4.13
Old Age,.....	238	3.81
Dropsy,.....	209	3.34
Heart Disease,.....	206	3.30
Casualty,.....	198	3.17
Intermittent Fever,.....	176	2.82
Brain Disease,.....	160	2.56

TABLE I.—DEATHS.

THE number of Deaths from several Specified Causes of each Sex in each Month, and at different Specified Periods of Life, which were Registered during the year ending April 5, 1868.

		Consumption.	Typhoid Fever.	Pneumonia.	Dysentery.	Diarrhœa.	Croup.	Diphtheria.	Scarlatina.	Whooping Cough.	Measles.
Totals,		952	362	313	258	136	117	110	100	80	20
Sex.	Males,	464	186	189	120	68	64	61	54	38	7
	Females,	488	175	124	134	67	53	49	46	41	13
	Not stated,	.....	1	.....	4	1	.....	.....	.....	1	....
Months.	April,	96	22	43	3	5	12	9	7	8	2
	May,	71	9	20	11	5	2	8	1	10	1
	June,	74	13	6	7	2	6	3	3	7	3
	July,	64	19	14	14	7	8	3	2	4	1
	August,	64	21	10	51	25	9	8	4	9	1
	September,	72	42	11	73	39	6	15	2	12	....
	October,	70	60	16	49	17	5	13	5	6	....
	November,	70	48	13	24	8	5	10	4	1	....
	December,	77	38	25	5	7	16	13	24	1	....
	January,	78	36	35	4	5	23	4	17	3	4
	February,	94	28	50	8	4	13	9	17	3	3
	March,	109	24	61	4	10	11	12	13	14	5
	Unknown,	13	2	4	5	2	1	3	1	2	....
Totals,		952	361	313	258	136	117	110	100	78	20
Ages.	Under 5,	66	46	118	164	97	111	77	63	75	16
	5 to 10,	15	32	10	19	7	4	20	30	3	1
	10 to 15,	23	33	9	12	.....	.....	4	3	....	1
	15 to 20,	67	52	8	5	1	.....	1	61	....	1
	20 to 30,	239	62	20	6	3	1	6	1	....	....
	30 to 40,	155	20	24	7	4	1	1	1	....	....
	40 to 50,	119	29	17	9	2	.....	.....	.....	....	1
	50 to 60,	100	35	29	6	3	.....	1	1	....	....
	60 to 70,	76	23	47	10	8	.....	.....	.....	....	....
	70 to 80,	57	8	24	4	5	.....	.....	.....	....	....
	80 and over,	11	2	6	3	2	.....	.....	.....	....	....
	Unknown,	24	19	1	13	4	.....	.....	.....	....	....

TABLE II.—DEATHS.

THE Percentage of Deaths from several Specified Causes, in the State, of each Sex in each Month, and at different Specified Periods of Life, which were Registered during the year ending April 5, 1868.

		Consumption.	Typhoid Fever.	Pneumonia.	Dysentery.	Diarrhœa.	Croup.	Diphtheria.	Scarlatina	Whooping Cough.	Measles.
State,		15.23	5.79	5.01	4 13	2.18	1.87	1.76	1.60	1.28	0.32
TOTALS,		100	100	100	100	100	100	100	100	100	100
SEX.	Males,	48.74	51.38	60 38	46.51	50.00	54.70	55.45	54.00	47.50	35.00
	Females,	51.26	48.34	39.62	51.94	49.26	45.30	44.55	46.00	51.25	65.00
	Not stated,	.....	0.28	.....	1.55	0.74	.....	.....	.....	1.25	.....
MONTHS.	April,	10.08	6.08	13.74	1.16	3.68	10.25	8.18	7.00	10.00	10.00
	May,	7.44	2.48	6.39	4.26	3.68	1.71	7.27	1.00	12.50	5.00
	June,	7.76	3.59	1.91	2.71	1.48	5.12	2.73	3.00	8.75	15.00
	July,	6.71	5.26	4.47	5.43	5.15	6.84	2.73	2.00	5.00	5.00
	August,	6.71	5.81	3.19	19.78	18.36	7.68	7.27	4.00	11.25	5.00
	September,	7.55	11.61	3.51	28.29	28.69	5.12	13.64	2.00	15.00	.....
	October,	7.35	16.58	5.10	18.98	12.51	4.27	11.82	5.60	7.50	.....
	November,	7.35	13.25	5.79	9.30	5.59	4.27	9.11	4.00	1.25	.....
	December,	8.08	10.49	7.98	1.94	5.14	13.67	11.81	24.00	1.25	.....
	January,	8.19	9.94	11.18	1.55	3.67	19.66	3.63	17.00	3.75	20.00
	February,	9.87	7.73	15.97	3.10	2.94	11.10	8.18	17.00	3.75	15.00
	March,	11.55	6.63	19.49	1.56	7.34	9.46	10.89	13.00	17.50	25.00
	Unknown,	1.36	0.55	1.28	1.94	1.47	0.85	2.74	1.00	2.50	.....
TOTALS,		100	100	100	100	100	100	100	100	100	100
AGES.	Under 5,	6.93	12.82	37.70	63.57	71.32	94.87	70.00	63.00	96.15	80.00
	5 to 10,	1.58	8.86	3.19	7.36	5.15	3.43	18.18	30.00	3.85	5.00
	10 to 15,	2.42	9.14	2.88	4.65	.....	.....	3.64	3.00	.....	5.00
	15 to 20,	7.03	14.40	2.56	1.94	0.74	.....	0.91	1.00	.....	5.00
	20 to 30,	25.10	17.16	6.39	2.33	2 21	0.85	5.45	1.00	.....	.....
	30 to 40,	16.29	5.54	7.67	2.71	2.94	0.85	0.91	1.00	.....	.....
	40 to 50,	12.50	8.03	5.43	3.49	1.47	.....	.....	.....	.....	5.00
	50 to 60,	10.50	9.69	9.26	2.33	2.21	.....	0.91	1.00	.....	.....
	60 to 70,	7.98	6.37	15.02	3.88	5.88	.....	.....	.....	.....	.....
	70 to 80,	5.99	2.20	7.67	1.55	3.67	.....	.....	.....	.....	.....
	80 and over,	1.16	0.54	1.91	1.15	1.47	.....	.....	.....	.....	.....
	Unknown,	2.52	5.25	0.32	5.04	2.94	.....	.....	.....	.....	.....

If proof was needed of the importance and value of statistical information on the subjects which constitute this report, the foregoing table (II) would be sufficient.

Consumption.—The belief has always existed in Michigan that the inhabitants of the State were comparatively exempt from consumption. It is true that within a few years the impression has gained ground that the disease was increasing, but that any such large percentage of deaths occurred from that disease as is shown in the table, will greatly surprise the Michigan reader. In the Eastern States it was known that consumption was very prevalent and fatal, but in Michigan it was generally thought to be comparatively rare. The whole number of deaths reported in the State is 6,250; the number from consumption is 952, making the large percentage of 15.23. In Massachusetts the percentage of deaths from consumption to deaths from all causes, in 1865, was 17.69, showing a difference in favor of Michigan of only 2.46 per cent.

The percentage of females was 51.26, of males, 48.74.

The greatest number of deaths occurred in March; the least in July and August. The percentage for March was 11.55; for July and August it was 6.71.

The number of deaths in	Spring	was	276,	or 28.9	per cent.
"	"	Winter	" 249,	26.1	"
"	"	Autumn	" 212,	22.3	"
"	"	Summer	" 202,	21.2	"

(In the season of Spring, March, 1868, is included with April and May, of 1867.)

There is no disease in the table that shows a mortality so evenly distributed through the seasons as consumption appears to be from the above comparison, but it is believed that even this uniformity is not greater than the average of years will show.

Six and ninety-three hundredths per cent. of the deaths occurred under the age of five years. This appears large, but it is not greater than the percentage reported in Massachusetts—

the average there for eleven years, ending in 1865, being 7.24 per cent. under five years.

The greatest mortality is between the ages of 20 and 30, the percentage being 25.10.

The mortality of different ages, shown in the foregoing table, is compared below with that shown in a table of the Massachusetts Report for 1865, extending over a period of 11 years:

	Michigan for 1867–8.	Massachusetts for 1855–1865.
Under 5 years,.....	6.93 per cent.	7.24 per cent.
5 to 10 "	1.58 "	1.31 "
10 to 15 "	2.42 "	1.74 "
15 to 20 "	7.03 "	8.32 "
20 to 30 "	25.10 "	25.99 "
30 to 40 "	16.29 "	18.69 "
40 to 50 "	12.50 "	12.56 "
50 to 60 "	10.50 "	9.30 "
60 to 70 "	7.98 "	7.81 "
70 to 80 "	5.99 "	5.16 "
80 and over,.....	1.16 "	1.22 "
Unknown, ...	2.52 "	.66 "

A coincidence so complete as this cannot be allowed to pass without comment.

In Michigan this is the first effort to accumulate these statistics. Our law is imperfect, our officers inexperienced. In Massachusetts they commenced the work over a quarter of a century ago. They have a good law, and must have gained experience.

Michigan is a new State, Massachusetts an old one; Michigan is inland, Massachusetts is sea-board; Michigan has a rich al-

luvial soil and a malarious climate, Massachusetts has neither. The people of Michigan are mostly employed in agriculture and internal commerce; the people of Massachusetts much more in manufactures and foreign commerce. In fact, there is hardly a single external influence affecting health which they have in common, and notwithstanding all this, these two tables are almost identical, so nearly do they correspond; and this is not the only correspondence which might be shown.

We have refrained from giving tables showing correspondences as to percentage of deaths to population, because our last census is five years old, and also very imperfect. Other correspondences might be shown, but for similar reasons we do not now attempt it.

Still the lesson to be learned from this single table, we think, is sufficiently plain. The cause or causes which produce consumption are not partial or local in their character or effects, but general and extensive.

If it is said that in some localities it is much more frequent than in others, and that some of these localities are quite limited—admit it. That is, in these localities the conditions exist which are favorable to its development. We can admit no more. Some fields of a farm will produce much larger crops of wheat than others, but we do not look for the cause of the growth of wheat in any particular field. We rather find the cause of its growth—under those influences and conditions necessary to the devolopment of vegetable life—to be in its peculiar cell organization, an organization which allies it to all growth.

Consumption is spread all over the globe, with a uniformity of distribution, a uniformity of fatality, in all ages and in both sexes, a uniformity in all seasons and even climates, that cannot be claimed for any other disease known. Hence, its cause must be found in some of those conditions of life which are most generally deemed necessary to existence and conducive to happiness. Further, consumption for many years has been increasing very steadily and rapidly, at least amongst civilized nations. Its

cause, then, must be an increasing cause, and must be developed through some close connection with the development of society and the progress of the world.

Can we not now discover some similarity between the conditions of society in Michigan and in Massachusetts, which may help to account for the strange uniformity in the prevalence of consumption in the two States.

Massachusetts has probably the best common school system and the best supported common schools in the world. In proportion to its age and wealth, Michigan is at least her equal.

According to the census of 1860—

Massachusetts has—		Michigan has—	
Public Schools,.....	4,134	Public Schools,.....	4,007
Teachers in,.....	5,308	Teachers in,.....	5,582
Pupils in,.....	206,974	Pupils in,.....	201,391

Perhaps the cause of consumption is to be found in a disproportionate development of the nervous system over the digestive and assimilative. We have only touched a very extensive subject. The foregoing is stated somewhat positively, because it could be written thus in fewer words and in less space. If we have given even a hint which will be of any use in the investigation of this subject, our satisfaction will be complete.

Consumption is very evenly distributed throughout the State. In the six southwestern counties along the shore of Lake Michigan, there was one death reported for every 660 inhabitants, and one death from this cause to every 7.5 deaths from all causes.

In the six southeastern counties constituting the east shore of the State, there was one death reported to every 748 inhabitants, and one death from this cause to 6.6 from all causes.

In the central portion of the State, taking the same counties used in the comparison of pneumonia, (see below,) the deaths reported from this disease was one for every 787 inhabitants, and one death from this cause to 6.7 deaths from all causes.

Typhoid Fever.—The whole number of deaths reported was 362. This is probably much too large. Many physicians, especially the young and ignorant, in order to magnify their own professional importance, magnify the importance of the diseases which they treat, and they are very prone to call any continued fever typhoid fever.

The disease prevailed throughout the year, but only two deaths are reported in May. In October there were 60 deaths, and in November 48, together making nearly 30 per cent. of the whole number reported. The percentage of males is 51.38; of females, 48.34. The greatest mortality was in Lenawee county, which reported 25 deaths; Jackson reported 22; Berrien, 18; Macomb, 17; Genesee and Oakland, 16 each. Twelve of the smaller counties report no deaths from this disease.

The percentage of deaths reported under five years is 12.82, which is probably too large. The disease is not peculiar to infancy, and from five to thirty years of age steadily increases in mortality. Why the mortality under five, should fall to 8.86 per cent. between the ages of five and ten years, is difficult to answer. The greatest mortality, 17.16 per cent., occurs between the ages of 20 and 30.

Pneumonia.—The whole number of deaths reported from this cause was 313, of which 60.38 per cent. were male, and 39.62 per cent. female. The difference is 20.76 per cent., which is very large.

One hundred and eighteen died under five years, a percentage of 37.70. From five to ten the percentage is 3.19; from 10 to 15 it is 2.88, from which age it slowly increases up to 15.02 per cent. between the ages of 60 and 70.

The percentage under five years is very large, but probably not larger than the average which will be shown by future reports.

The greatest mortality was in March, (19.49 per cent.,) next February, (15.97 per cent.,) April, (13.74 per cent.,) January, (11.18 per cent.,) December, (7.98 per cent.,) May, (6.39 per cent.,) and the least was in June, (1.91 per cent.)

The six southwestern counties, lying on Lake Michigan, viz: Berrien, Van Buren, Allegan, Ottawa, Muskegon and Oceana, in 1864, contained a population of 85,864. The number of deaths from pneumonia reported in these counties was 65, which is one death to every 1,321 inhabitants. The six southeastern counties, lying on the eastern shore, viz: Monroe, Wayne, (excluding Detroit,) Macomb, St. Clair, Sanilac and Huron, contained a population of 115,186. The number of deaths from pneumonia reported in these counties was 38, showing one death to every 3,031 inhabitants.

Comparing the western with the eastern shore, we find the mortality from this disease to be 2.29 times greater on the former than on the latter. The cause of this great difference cannot with certainty be accounted for. The influence of the prevailing western and northwestern winds from across Lake Michigan, may to some extent account for the disparity.

Comparing the ratio of deaths from pneumonia to deaths from all causes, the western shore shows one from pneumonia to 13 from all causes. The eastern shore shows one to 27 from all causes.

In the central portion of the State, a district consisting of twelve counties, constituting a range two wide, running up through the State from Hillsdale and Branch to Isabella and Mecosta, there was in 1864, a population of 187,199. In this district there was reported 87 deaths from pneumonia, and a mortality of 1,595 from all causes. This would give one death from pneumonia to every 2,152 inhabitants, and one death from this cause to 18 deaths from all causes—in both particulars very nearly an average between the two shores.

Dysentery.—The mortality from this disease was 258, or 4.12 per cent. of all causes. This is probably not more than the average, which will be shown hereafter. The disease is somewhat more fatal in the new counties than in the old. The greatest mortality was in Ionia and Jackson, being 20 in each.

Sixty-seven per cent. of the whole number of deaths occurred in August, September and October. Sixty-three and 57.100

per cent. of deaths occurred under 5 years of age, and 7.36 per cent. from 5 to 10.

Diarrhœa.—This disease shows a mortality of 136, and a percentage of all diseases of 2.17. Like Dysentery, it is peculiarly a fall disease, and shows even a greater mortality under 5 years of age, viz: 71.32 per cent. It is quite equally distributed over the State, though the new counties seem to suffer the most.

Croup.—One hundred and seventeen deaths are reported from this cause. This is a winter disease, 44.43 per cent. of all the cases occurring in that season.

The greatest number (23) occurred in January; the least (2) in June.

The percentage, under 5 years of age, stands next to whooping cough, viz: 94.87.

Diphtheria.—This comparatively modern disease shows a mortality of 110, a percentage of 1.76 to all causes. 15 deaths occurred in September, 13 in October, 13 in December, and 12 in March.

The percentage of deaths under 5 years of age is 70, from 5 to 10 years, 18.18.

Scarlatina.—Just 100 fatal cases were reported. Seventy-one of these occurred in the months of December, January, February and March. Only one case was reported in May. Sixty-three were reported under 5 years of age, and 30 between 5 and 10 years. A local epidemic appears to have prevailed in Genesee and Shiawassee. Genesee reports 26 cases, and Shiawassee 12.

Whooping Cough.—Eighty deaths from this cause are reported. The greatest mortality was in the months of March, September and May. The least, in November and December. The mortality under 5 years of age was 96.15. This disease appears to be strictly an infantile disease, no cases being reported over 10 years of age.

Measles.—Only twenty fatal cases of this disease were reported. Twenty-five per cent. of these were in March. No

cases were reported in September, October, November and December. Eighty per cent. were under 5 years of age, 5 per cent. between 5 and 10 years, 5 per cent. between 10 and 15, and 5 per cent. between 15 and 20 years.

This disease, as well as scarlatina, prevails in this State epidemically, and the average will undoubtedly be largely increased by future reports.

TABLE III.—DEATHS.

SHOWING, by Counties and by months, the number, sex and age, in years, of those who died during the year ending April 5, 1868.

COUNTIES.	Deaths. Total.	Sex. Males.	Sex. Females.	Sex. Unknown.	Months. April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.	Ages. Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
State,	6250	3302	2899	49	532	383	346	373	512	627	555	485	518	535	583	699	102	2155	319	229	293	670	461	426	462	463	385	219	168
Allegan,	147	81	66	..	17	13	10	9	9	8	11	7	13	13	16	20	1	53	6	7	5	18	15	9	9	11	9	5	....
Alpena,	4	2	2	..	....	....	....	....	....	....	....	....	....	1	2	1	....	...	1	....	1	1	....	1	....	....	....	....	....
Antrim,	22	12	10	..	2	1	....	4	2	2	2	2	....	1	2	4	...	6	....	1	1	1	3	1	4	1	...	4	....
Barry,	143	81	61	1	10	12	10	7	7	16	7	12	16	12	14	18	2	47	8	3	6	19	9	9	15	12	7	5	3
Bay,	71	38	31	2	4	6	4	4	12	5	7	3	5	5	9	6	1	38	3	....	2	10	9	3	3	....	....	....	3
Berrien,	210	109	99	2	6	13	14	14	10	31	21	22	19	23	11	22	4	69	9	9	15	31	17	15	12	14	6	6	7
Branch,	167	89	78	..	9	10	16	9	9	17	14	12	17	22	17	14	1	44	10	8	11	22	15	9	12	10	16	9	1
Calhoun,	258	148	107	3	24	19	22	11	23	21	26	22	23	17	20	26	4	77	4	8	7	22	25	22	22	26	21	17	6
Cass,	122	71	50	1	9	5	7	9	7	9	8	7	8	11	18	19	5	48	2	4	6	8	7	7	12	12	7	3	6
Cheboygan,	4	3	1	..	....	....	....	1	....	....	1	1	....	....	1	....	....	1	....	....	....	....	1	1	....	....	1	....	....
Chippewa, (not re	turn	ed.)		..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Clinton,	131	65	66	..	15	6	5	12	11	16	15	12	5	12	6	16	....	47	7	3	8	15	9	12	10	11	8	1	....
Delta,	12	7	5	..	3	1	....	....	1	2	1	....	....	2	....	2	....	4	....	1	....	2	1	1	2	1	....	....	....
Eaton,	145	76	69	..	7	6	5	8	7	17	18	13	13	18	14	15	4	40	5	3	9	15	10	8	21	8	18	5	3
Emmet,	16	8	8	..	....	1	....	1	....	1	3	....	4	1	1	4	....	9	1	....	2	2	....	....	....	....	1	1	....
Genesee,	250	126	124	..	14	10	15	17	27	34	21	17	24	24	25	22	....	97	22	9	10	25	19	10	19	13	16	6	4
Gr'd Traverse,	28	15	13	..	1	1	....	3	3	1	6	4	5	1	1	2	....	5	....	4	5	3	....	6	1	3	....	....	1
Gratiot,	71	38	33	..	6	4	7	3	2	12	4	8	2	5	9	7	2	22	9	3	2	8	7	3	6	5	2	1	3
Hillsdale,	162	83	79	..	16	9	1	7	15	12	11	12	21	11	25	19	3	43	5	4	8	22	17	13	8	17	14	11	....
Houghton,	33	15	17	1	4	3	3	3	7	1	5	1	....	....	1	4	1	19	2	2	2	3	1	1	..	1	....	....	2
Huron,	53	28	25	..	7	2	2	3	6	1	4	6	6	3	4	9	....	27	3	3	1	5	4	4	2	2	1	....	1
Ingham,	140	67	69	4	9	19	8	6	8	14	10	9	6	13	12	13	13	34	6	1	7	16	12	14	10	11	10	5	14
Ionia,	170	85	82	3	21	11	8	11	12	19	15	24	7	9	15	13	5	58	5	5	9	21	11	7	12	15	11	7	9
Iosco,	9	5	4	..	....	....	1	....	....	1	....	1	1	1	1	2	1	3	....	....	....	2	1	1	....	....	1	....	1
Isabella,	38	24	14	..	1	4	2	....	3	8	5	3	....	5	3	3	1	16	2	1	....	5	....	2	4	2	4	....	2
Jackson,	217	116	96	5	17	22	14	11	16	25	27	20	11	14	18	20	2	53	13	5	15	23	15	17	26	18	11	11	10
Kalamazoo,	182	94	87	1	18	6	15	12	12	22	10	17	10	23	19	17	1	56	9	13	5	19	16	15	14	16	11	2	6
Kent,	191	111	80	..	15	13	10	15	17	26	19	8	12	18	16	22	....	60	11	12	12	23	14	13	11	14	10	10	1
Keweenaw, (not retu	rned.)			..	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....
Lapeer,	147	89	67	..	17	16	2	8	10	14	4	7	15	15	18	17	4	44	10	6	9	16	10	8	7	9	19	6	3
Leelanaw,	27	16	11	..	....	4	2	3	1	2	3	2	2	1	4	3	....	7	2	1	2	4	1	1	3	3	1	....	2
Lenawee,	270	148	120	2	18	21	16	11	21	25	29	15	23	16	25	48	2	82	13	4	9	25	14	18	37	28	20	11	9
Livingston,	98	48	49	1	9	10	3	5	7	3	3	8	11	9	14	13	3	29	5	7	1	8	12	7	10	9	5	2	3

TABLE III.—DEATHS,—CONTINUED.

COUNTIES.	Deaths. Total.	Sex. Males.	Sex. Females.	Sex. Unknown.	Months. April.	May	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.	Ages. Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
Mackinac, (not re	turn	ed.)	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Macomb,	165	91	71	3	7	....	1	14	11	16	18	15	18	13	20	29	3	51	3	5	9	24	15	14	10	12	13	6	3
Manistee,	63	41	22	..	16	3	4	....	8	4	3	4	6	4	2	9	....	17	10	1	3	9	6	1	4	2	2	....	8
Manitou, (not re	turn	ed.)	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marquette,	45	32	13	..	5	6	5	4	4	1	3	2	....	1	4	10	....	25	1	1	3	7	3	1	3	....	1	....	....
Mason,	10	9	1	..	....	....	....	3	....	1	3	1	....	....	....	2	....	4	....	....	1	1	1	....	....	1	....	....	2
Mecosta,	34	19	15	..	5	....	3	1	3	3	5	2	4	5	1	2	....	13	....	1	4	2	7	2	....	1	1	3	....
Menominee,	6	4	2	..	1	....	....	....	....	1	1	1	1	1	....	....	....	1	....	....	....	1	2	1	....	....	1	....	....
Midland,	40	19	20	1	5	1	1	6	7	1	5	....	1	2	2	3	6	28	1	1	....	1	1	1	1	1	2	1	2
Monroe,	172	91	81	..	18	7	9	7	6	19	15	12	18	12	20	27	2	58	10	6	4	16	17	13	12	16	9	7	4
Montcalm,	62	25	37	..	4	5	2	6	6	8	9	6	2	6	1	7	....	24	3	3	4	4	6	5	2	4	2	3	2
Muskegon,	116	50	66	..	6	1	5	6	13	18	15	18	7	12	7	8	....	58	4	4	7	17	8	6	5	4	1	1	1
Newaygo,	34	21	13	..	4	3	2	1	6	1	1	4	3	2	1	6	....	16	....	2	3	4	1	2	2	....	4	....	....

Oakland, ...	222	120	100	2	27	10	11	18	19	17	12	25	15	24	24	17	3	55	12	6	10	25	13	19	17	25	22	11	7
Oceana,.....	76	40	36	..	4	3	3	7	9	6	7	3	11	2	10	8	3	36	5	5	4	11	5	4	2	1	1	1	1
Ontonagon, ...	5	3	2	..	....	....	2	1	....	1	....	....	1	....	....	....	....	3	....	....	....	...	1	1	....				....
Ottawa,.....	236	116	120	..	21	14	23	10	22	34	22	23	27	10	11	17	2	117	22	5	12	16	12	14	13	10		1	7
Saginaw, (not re	turn	ed.)	...	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...			...				....
Sanilac, ...	76	31	45	..	9	6	2	2	9	9	7	6	4	3	7	11	1	37	3	3	4	5	7		1		3	5	....
Shiawassee,.....	123	73	50	..	9	7	5	6	7	8	10	12	12	12	13	14	8	31	7	7	8	13	6	10	13	13	8	3	4
St. Clair,.....	224	108	110	6	22	12	10	11	25	13	18	27	16	22	27	28	3	79	14	12	4	23	14	17	19	10	15	9	8
St. Joseph,.....	170	82	88	..	13	11	6	7	10	14	16	11	14	22	20	21	5	51	16	9	8	14	10	14	13	12	12	6	5
Tuscola,.	68	40	28	..	14	3	4	4	7	10	4	2	2	4	5	6	3	21	7	5	2	8	3	5	5	4	3	.	5
Van Buren,.....	185	100	85	..	15	12	9	10	9	21	21	11	20	24	15	16	2	79	6	2	4	18	11	17	11	14	11	9	3
Washtenaw,.....	246	111	135	..	21	16	14	14	28	23	18	17	30	24	13	27	1	63	11	8	15	25	6	15	23	34	21	8	2
Wayne, ...	323	188	135	11	27	15	23	26	37	32	32	18	27	24	38	30	....	140	11	16	14	32	21	19	13	26	16	17	4

TABLE IV.—CAUSES OF

EXHIBITING by Month, by Age and by Sex, the Registered No. of Deaths

	Deaths. Sex.				Months.												
	Males.	Females.	Unknown.	Total.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.
Totals,	3302	2899	49	6250	532	383	346	373	512	627	555	485	518	535	583	699	102
Males, ..	....	....	..	....	....	....	...	....	...	....	....	....	....	....	....	....	...
Fem., ..	....	3	..	3	....	....	...	....	....	1	....	....	....	1	1	....	...
Males, ..	12	....	..	....	1	....	2	....	...	5	....	3	1	....	....	....	...
Fem., ..	....	6	..	18	1	....	1	2	....	....	....	....	1	1	....	....	...
Males, ..	22	....	..	....	1	2	2	2	4	....	4	3	1	....	2	1	...
Fem., ..	....	17	..	39	....	....	1	....	1	2	1	3	2	2	2	3	...
Males, ..	5	....	..	....	1	....	1	....	....	....	....	....	1	1	....	1	...
Fem., ..	....	4	..	9	....	....	...	....	....	1	....	....	....	....	1	2	...
Males, ..	21	....	..	....	1	4	4	2	2	2	2	....	..	2	1	1	...
Fem., ..	....	13	..	34	1	1	...	2	....	3	2	1	....	1	1	1	...
Males, ..	88	....	..	....	6	7	5	3	9	16	8	9	3	11	4	7	...
Fem., ..	....	71	..	....	4	3	6	9	5	6	11	4	4	8	6	5	...
Unkn., .	....	....	1	160	....	....	...	....	....	....	1	....	....	....	....	....	...
Males, ..	16	....	..	....	8	2	1	....	1	....	....	....	2	....	1	1	...
Fem., ..	....	13	..	29	1	1	...	....	1	....	2	....	4	1	2	1	...
Males, ..	8	....	..	....	1	2	...	....	....	....	1	....	....	1	1	2	...
Fem., ..	....	3	..	....	1	....	...	....	....	....	1	1	....	....	....	....	...
Unkn., .	....	....	1	12	....	1	...	....	....	....	....	....	....	....	....	....	...
Males, ..	14	....	..	....	....	4	...	....	1	1	....	3	....	2	1	2	...
Fem., ..	....	26	..	40	1	5	1	1	3	....	2	5	2	1	2	3	...
Males, ..	169	....	..	....	16	5	10	18	14	11	15	15	19	14	10	20	2
Fem., ..	....	29	..	198	3	6	...	1	3	1	....	3	....	4	4	4	...
Males, ..	27	....	..	....	1	2	2	7	....	1	3	1	2	2	2	3	1
Fem., ..	....	46	..	73	4	2	1	2	6	1	6	8	3	3	6	4	...

DEATH,—ALPHABETICAL ARRANGEMENT.

from various Specified Causes, during the Year ending April 5, 1868.

Cause of Death.	Age.											
	Under 5 y's.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
	2155	319	229	293	670	461	426	462	463	385	219	168
Abortion, ...	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
"	.....	.....	.....	.....	2	.....	1	....	....	....	....	....
Abscess, ...	2	.....	1	1	7	.....	....	1	....	....	....	....
"	.....	.....	.....	.....	.....	2	4	....	....	....	....	....
Apoplexy, ...	.....	.....	.....	.....	.....	1	3	6	3	6	2	1
"	1	.....	.....	1	.....	2	4	3	3	3	1	....
Asthma, ...	1	.....	.....	.....	.....	1	1	....	....	2	....	....
"	.....	.....	.....	.....	.....	.....	....	2	1	1	....	....
Bowels, Disease of,	13	.....	2	.....	1	1	1	2	....	....	1	....
" "	8	.....	.....	.....	1	1	....	1	1	1	....	....
Brain, Disease of,	56	7	5	4	7	2	2	3	1	2	....	....
" "	25	7	9	4	7	3	2	2	2	....	....	....
" "	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
Brain, Softening of,	3	.....	.....	.....	3	1	1	1	1	....	....	6
" "	9	2	.....	.....	.....	.....	....	1	....	....	....	1
Bronchitis, ...	3	.....	.....	1	.....	2	1	....	1	....	....	....
"	1	.....	.....	.....	.....	.....	....	....	1	....	....	1
"	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
Burns and Scalds,	7	2	.....	1	.....	1	2	1	...	....	....	....
" "	13	1	3	4	2	1	....	....	1	1	....	....
Casualty, ...	20	8	12	19	35	26	20	9	9	3	3	5
"	9	4	3	.....	3	2	4	3	....	1	....	....
Cancer, ...	3	.....	1	.....	1	1	4	9	8	2	....	....
"	1	1	1	.....	3	6	13	10	5	4	....	1

TABLE IV.—CAUSES OF DEATH,

	Deaths. Sex.				Months.												
	Males.	Females.	Unknown.	Totals.	April.	May.	June.	July.	August.	Sept.	October.	November.	December.	January.	February.	March.	Unknown.
Males, ..	45	....	..	....	8	3	4	4	3	2	5	3	2	2	2	7	...
Fem., ..	....	37	..	82	3	4	....	2	6	3	1	3	5	6	2	2	...
Males, ..	1	....	..	...	....	....	....	....	....	....	....	....	....	....	1	....	...
Fem., ..	....	2	..	3	....	....	....	....	...	....	....	...	1	....	1	....	...
Males, ..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	...
Fem., ..	....	82	..	82	9	4	8	4	4	7	6	6	7	9	7	10	1
Males, ..	9	....	..	..	....	1	....	1	2	2	....	1	....	2	....	....	...
Fem., ..	....	1	..	10	1	....	....	....	....	....	....	....	....	....	....	....	...
Males, ..	33	....	..	....	....	....	....	3	3	18	5	....	....	2	....	1	1
Fem., ..	....	20	..	....	....	....	2	1	6	7	1	1	1	1	....	...	...
Unkn., ..	....	....	2	55	....	....	....	....	1	1	....	....	....	....	....	....	...
Males, ..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	..	...
Fem., ..	....	1	..	1	....	....	....	....	....	1	....	....	....	...	....	....	...
Males, ..	21	....	..	....	2	....	....	1	2	3	1	2	2	2	3	3	...
Fem., ..	....	20	..	41	....	....	2	1	3	1	6	1	2	....	1	2	1
Males, ..	464	....	..	....	48	37	24	34	33	33	21	36	44	45	48	53	8
Fem. ...	....	488	..	952	48	34	50	30	31	39	49	34	33	33	46	54	5
Males, ..	21	....	..	....	1	3	1	1	5	1	2	....	1	2	1	3	...
Fem., ..	....	16	..	37	3	....	....	1	2	....	....	2	....	2	2	4	..
Males, ..	64	....	..	....	6	1	3	3	3	3	3	3	10	12	9	7	1
Fem., ..	....	53	..	117	6	1	3	5	6	3	2	2	6	11	4	4	...
Males, ..	....	....	..	....	....	....	....	....		....	....	....	....	....	....	....	...
Fem., ..	....	1	..	1	....	....	....	....		....	....	1	....	....	....	....	...
Males, ..	29	....	..	....	2	2	3	2	3	....	1	3	....	3	3	5	...
Fem., ..	....	27	.	....	2		2	5	1	2	6	3	....	1	3	1	...
Unkn., ..	....	....	1	57	....	....	....	....	....	....	....	....	....	....	1	...	...
Males, ..	3	....	..	....	....	....	....	....	....	....	....	....	....		2	1	...
Fem., ..	....	....	..	3	....	....	....	....	....	....	....	....	....	....	....	....	...
Males, ..	68	....	..	....	5	2	1	4	9	20	6	6	5	....	2	6	2
Fem., ..	....	67	..	135	....	3	1	3	16	19	10	2	2	5	2	4	...

—ALPHABETICAL ARRANGEMENT,—CONTINUED.

Cause of Death.	Age.											
	Under 5 y's.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
Cephalitis,	24	5	3	1	5	2	1	....	2	2	....	....
"	17	3	7	2	2	3	....	2	1	....	....	....
Chicken Pox,	1	....	....	....	....	....	....	....	....	....	....	....
" "	2	....	....	....	....	....	....	....	....	....	....	....
Child-birth,	....	....	....	....	....	....	....	....	....	....	....	....
"	....	....	....	9	35	32	5	....	....	....	....	1
Cholera morbus,	1	....	....	....	2	1	....	2	1	2	....	....
" "	....	....	....	....	....	....	....	....	....	1	....	....
Cholera Infantum,	33	....	....	....	....	....	....	....	....	....	....	....
" "	20	....	....	....	....	....	....	....	....	....	....	....
" "	2	....		....	....	....	....	....	....	....	....	....
Chorea,	....	....	....	....	....	....	....	....	....	....	....	....
"	....	....	....	....	....	....	1	....	....	....	....	....
Congestive Chills,	3	3	1	3	1	1	1	2	4	2	....	....
" "	9	1	2	....	4	....	1	....	1	1	....	1
Consumption,	34	9	6	23	37	78	60	64	51	40	7	5
"	32	6	17	44	152	77	59	36	25	17	4	19
Convulsions,	18	....	....	....	2	....	....	1	....	....	....	....
"	9	1	2	....	4	....	....	....	....	....	....	....
Croup,	63	....	....	....	....	1	....	....	....	....	....	....
"	48	4	....	....	1	....	....	....	....	....	....	....
Cyanosis,	....	....	....	....	....	....	....	....	....	....	....	....
"	....	....	....	....	....	....	....	....	....	....	....	1
Debility,	9				1	....	....	2	3	4	4	....
"	14	....	1	....	1	1	....	3	3	1	3	....
"	....	....	....	....	....	....	....	....	....	....	....	1
Delirium Tremens,	....	....	....	....	....	1	1	....	....	....	....	1
" "	....	....	....	....	....	....	....	....	....	....	....	....
Diarrhœa,	51	4	....	....	2	2	....	1	4	....	1	3
"	45	3	....	1	1	2	2	2	4	5	1	1

TABLE IV.—CAUSES OF DEATH,

	Deaths. Sex.				Months.											
	Males.	Females.	Unknown.	Total.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.
Unkn., .	....	....	1	136	....	....	....	....	....	....	1	....	....	....	....	....	...
Males, ..	15	....	..	....	2	....	1	1	....	2	3	2	1	1	2	....	...
Fem., ..	....	2	..	17	1	....	....	....	....	....	....	....	....	....	....	1	...
Males, ..	61	....	..	....	5	6	2	1	3	9	8	6	4	4	6	6	1
Fem., ..	....	49	..	110	4	2	1	2	5	6	5	4	9	....	3	6	2
Males, ..	96	....	..	....	3	9	6	7	13	7	6	3	6	9	7	19	1
Fem., ..	....	113	..	209	12	11	14	7	6	8	8	8	8	10	10	9	2
Males, ..	59	....	..	....	5	5	9	10	8	2	5	3	3	2	....	6	1
Fem., ..	....	4	..	63	1	....	....	....	....	....	1	1	....	....	....	....	1
Males, ..	120	....	..	....	1	....	5	5	28	35	19	11	2	2	7	3	2
Fem., ..	....	134	..	....	2	11	2	9	23	36	28	13	3	2	1	1	3
Unkn., .	....	....	4	258	....	....	....	....	....	2	2	....	....	....	....	....	...
Males, ..	10	....	..	....	....	1	....	1	....	3	1	....	1	2	....	1	...
Fem., ..	....	8	..	18	2	1	1	1	....	....	....	....	....	1	1	....	1
Males, ..	68	....	..	....	3	2	11	1	8	6	9	6	4	6	4	8	...
Fem., ..	....	40	..	108	5	4	2	3	3	4	1	3	2	4	2	6	1
Males, ..	10	....	..	....	....	2	....	....	1	2	1	....	....	....	2	2	...
Fem., ..	....	8	..	18	1	1	....	....	....	1	1	1	....	1	1	1	...
Males, ..	20	....	..	....	1	2	2	1	2	1	3	1	....	1	3	3	...
Fem., ..	....	22	..	42	2	....	1	1	3	....	1	....	2	4	2	6	...
Males, ..	6	....	..	....	2	....	....	....	1	1	....	....	....	2	....	....	...
Fem., ..	....	2	..	8	....	....	....	....	....	....	....	....	....	1	....	1	...
Males, ..	81	....	..	....	5	6	....	....	7	17	9	8	6	5	7	8	3
Fem., ..	....	80	..	....	3	5	3	5	5	9	10	5	10	5	9	10	1
Unkn., .	....	....	1	162	....	....	....	....	....	....	1	....	....	....	....	....	...
Males,...	8	....	..	....	....	....	....	....	1	1	2	2	1	....	....	....	1
Fem., ..	....	6	..	14	....	1	....	1	....	2	....	1	....	1	....	....	...
Males,...	22	....	..	....	....	2	2	2	3	4	1	4	2	2	....	....	...
Fem., ..	....	8	..	30	....	1	2	....	1	1	....	1		....	....	2	...
Males,...	186	....	..	....	11	3	7	9	13	22	28	24	18	21	16	13	1

—ALPHABETICAL ARRANGEMENT,—CONTINUED.

Cause of Death.	Age.											
	Over 5 y's	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
Diarrhœa,	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
Diabetes,	.....	.....	.....	2	1	2	1	3	4	2	....	....
"	.....	.....	.....	.....	.....	.....	1	1	....	....	....	....
Diphtheria,	45	11	3	.....	1	.....	....	1	....	....	....	....
"	32	9	1	1	5	1	....	....	....	....	....	....
Dropsy,	8	13	3	2	5	6	13	10	14	16	4	2
"	12	3	5	5	10	11	9	17	22	13	3	3
Drowned,	8	6	11	7	8	4	5	4	....	....	....	6
"	2	.....	.....	.....	.....	.....	1	1	....	....	....	....
Dysentery,	79	8	3	3	4	3	3	3	7	3	3	1
"	84	11	9	2	2	4	6	3	3	1	....	9
"	1	.....	.....	.....	.....	.....	....	....	....	....	....	3
Dyspepsia,	4	1	.....	.....	.....	.....	....	2	2	1	....	....
"	3	.....	1	.....	.....	.....	1	2	....	....	....	....
Enteritis,	26	1	3	4	6	2	8	5	4	1	1	7
"	16	4	1	4	5	2	2	3	1	2	....	....
Epilepsy,	.....	.....	.....	.....	4	1	2	....	1	1	1	....
"	2	.....	2	.....	2	1	....	1	....	....	....	....
Erysipelas,	11	1	.....	1	1	1	1	2	....	....	....	2
"	7	1	1	.....	3	2	2	3	....	3	....	....
Exhaustion,	.....	.....	.....	.....	2	.....	2	....	2	....	....	....
"	.....	.....	.....	.....	.....	1	....	....	1	....	....	....
Fever,	38	6	7	1	5	2	6	4	4	5	....	3
"	35	3	3	5	10	6	2	5	3	4	2	2
"	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
Fever, Intermit.,	1	.....	.....	1	1	1	2	....	....	....	....	2
" "	1	3	1	.....	.....	.....	....	1	....	....	....	....
" Remittent,	4	.....	1	1	2	2	5	1	3	1	2	....
" "	2	.....	.....	2	1	1	....	1	....	....	....	1
" Typhoid,	26	12	17	25	36	10	17	19	14	2	....	8

TABLE IV.—CAUSES OF DEATH,

	Deaths. Sex.				Months.												
	Males.	Females.	Unknown.	Total.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.
Fem., ..	....	175	..	....	11	6	6	10	8	20	32	24	19	15	12	11	1
Unkn., .	....	....	1	362	....	....	....	....	....	...	....	.. .	1	..	.		...
Males, ..	4	....	..	....	....	1	....	....	1	....	1	1		..	.		...
Fem., ..	....	4	..	8	....	....	....	....	1	1	....	.. .		..	1	1	...
Males, ..	49	....	..	....	7	3	....	2	2	7	3	3	5	6	4	6	1
Fem., ..	....	47	..	....	6	4	5	1	2	4	1	1	9	2	6	5	1
Unkn., .	...	....	2	98	1	....	....	....	....	....	....			....	....	.	...
Males, ..	4	....	..	....	....	....	....	1	....	....	2			....	. ..	.	...
Fem., ..	....	....	..	4	....	....	....	....	....	....	....	.. .		....	....	.	...
Males, ..	2	....	..	....	....	1	1	....	....	....	....	.. .		....	....	.	...
Fem., ..	....	5	..	7	....	....	....	....	1	1	1	.. .	1	....	....	1	..
Males, ..	11	....	..	....	....	3	....	....	2	1	1	1	1	....	1		...
Fem., ..	....	....	..	11	....	....	....	....	....	....	....	.. .		....	....	.	...
Males, ..	104	....	..	....	14	6	13	7	7	3	8	1	2	7	14	5	...
Fem., ..	....	102	..	206	9	7	8	5	9	5	7	10		10	13	11	...
Males, ..	5	....	..	....	....	1	....	1	....	1	....	.. .		1	....	.	...
Fem., ..	....	8	..	13	....	....	1	....	....	2	....	1		2	2	.	...
Males, ..	2	....	..	....	....	....	....	1	....	....	....	.. .		....	....	1	...
Fem., ..	....	....	..	2	....	....	....	....	....	....	....	.. .		....	....	.	...
Males, ..	2	....	..	....	....	1	....	....	....	1	....	.. .		....	....	.	...
Fem., ..	....	1	..	3	....	....	....	....	....	...	1	.. .		....	....	.	...
Males...	10	....	..	....	....	1	1	....	2	2	2	.. .		....	1	1	...
Fem., ..	....	....	..	10	....	....	....	....	....	...	..	.. .		....	....	.	...
Males, ..	3	....	..	....	....	....	....	....	....	...	1	2		....	....	.	...
Fem., ..	....	2	..	5	1	....	....		....	...	..	.. .		....	....	.	...
Males, ..	9	....	..	....	....	....	....	1	2	2	1	.. .	1	....	2	.	...
Fem., ..	....	8	..	17	....	1	....		....	1	..	1	4	....	....	1	...
Males, ..	1	....	..	....	....	....	....		....	...	..	.. .		1	....	....	...
Fem , ..	....	1	..	2	....	....	....		....	...	..	.. .		....	1	....	..
Males, ..	10	....	..	....	2	....	1	4	1	3	2	1	2	2	1	1	...

—ALPHABETICAL ARRANGEMENT,—CONTINUED.

Cause of Death.	Age.											
	Over 5 y'a.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
Fever, Typhoid,..	19	20	16	27	26	10	12	16	9	6	2	12
" " ..	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
" Typhus,...	.....	.....	.....	.....	.....	1	2	....	....	....	....	1
" " ...	.....	.....	.....	1	2	.....	....	....	1	....	....	....
Fits,.....	40	1	1	.....	4	1	1	1	....	....	....	....
"	32	2	.....	2	5	3	....	2	....	1	....	....
"	2	.....	.....	.....	.....	.....	....	....	....	....	....	....
Fracture, ...	.....	.....	.....	.....	1	.....	....	2	....	....	1	....
"	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
Gastritis,.....	.....	1	.....	.....	.....	.....	....	1	....	....	....	....
"	1	.....	.....	1	.....	1	1	1	....	....	....	....
Gravel, ...	1	.....	.....	.....	.....	.....	....	2	6	1	1	....
"	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
Heart, Disease of,.	5	3	3	4	7	8	11	19	23	17	1	3
" "	10	2	2	3	8	16	12	18	19	11	....	1
Hemorrhage,.....	1	.....	1	.....	1	.....	....	2	....	....	....	....
"	2	.....	.....	1	2	1	1	1	....	....	....	....
Hemorrhoids, ...	.....	.....	.....	.....	.....	.....	....	....	2	....	....	....
"	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
Hepatitis, ...	.....	.....	1	.....	.....	.....	1	....	....	....	....	....
"	.....	.....	.....	.....	1	.....	....	....	....	....	....	....
Hernia, ...	2	.....	.....	1	.....	.....	....	4	1	1	1	....
"	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
Hip Disease,.....	1	.....	.....	.....	1	.....	1	....	....	....	....	....
"	.....	.....	.....	1	.....	1	....	....	....	....	....	....
Hydrocephalus, ..	8	.....	.....	1	.....	.....	....	....	....	....	....	....
" ..	6	1	.....	.....	.....	.....	1	....	....	....	....	....
Hydrothorax,.....	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
" ...	.....	.....	.....	.....	.....	.....	....	1	....	....	....	....
Infantile,.....	20	.....	.....	.....	.....	.....	....	....	....	....	....	....

TABLE IV.—CAUSES OF DEATH,

	Deaths. Sex.				Months.												
	Males.	Females.	Unknown.	Total.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.
Fem., ..	....	12	..	32	3	1	....	....	1	2	....	1	....	1	2	....	1
Males, ..	64	....	..	....	13	2	1	5	6	6	4	3	1	4	8	9	2
Fem, ...	....	61	..	....	6	3	1	2	5	6	3	4	5	5	7	14	...
Unkn., .	....	....	1	126	....	....	....	....	....	....	....	....	....	....	....	1	...
Males, ..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	...
Fem., ..	....	1	..	1	1	....	....	....	....	....	....	....	....	....	....	....	...
Males, ..	4	....	..	....	....	....	....	....	....	2	1	....	....	1	....	....	...
Fem., ..	....	5	..	9	....	2	....	....	....	1	1	....	....	1	....	....	...
Males, ..	5	....	..	....	1	....	....	....	....	....	1	1	1	1	....	....	...
Fem., ..	....	....	..	5	....	....	....	....	....	....	....	....	....	....	....	....	...
Males, ..	5	....	..	....	1	....	....	....	....	1	1	1	....	1	....	....	...
Fem., ..	....	1	..	6	....	....	....	....	....	....	....	....	....	....	....	....	1
Males, ..	15	....	..	....	....	....	1	....	1	3	3	1	1	1	2	2	...
Fem., ..	....	1	..	16	....	....	....	....	....	....	....	....	....	....	1	....	...
Males, ..	36	....	..	....	2	1	1	1	4	4	2	1	....	6	2	9	3
Fem., ..	....	27	..	63	1	....	2	1	....	3	4	4	....	1	5	5	1
Males, ..	58	....	..	....	5	2	2	4	5	4	3	5	5	5	5	11	2
Fem., ..	....	48	..	106	5	3	5	4	1	....	1	4	4	3	7	8	3
Males, ..	7	....	..	....	1	....	1	1	....	....	....	....	....	2	....	2	...
Fem., ..	....	13	..	20	1	1	2	....	1	....	....	....	....	2	3	3	...
Males, ..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	...
Fem., ..	....	17	..	17	....	1	2	2	1	....	....	2	....	3	3	3	...
Males, ..	3	....	..	....	....	1	....	1	....	....	....	....	1	....	....	....	...
Fem., ..	....	2	..	5	....	....	....	....	1	....	....	....	...	....	....	1	...
Males, ..	7	....	..	....	1	1	....	....	....	1	1	....	1	1	1	....	...
Fem., ..	....	1	..	8	....	....	....	1	....	....	....	....	....	....	....	....	...
Males, ..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	...
Fem., ..	....	2	..	2	....	1	1	....	....	....	....	....	....	....	....	....	...
Males, ..	8	....	..	....	1	....	1	....	1	2	1	....	....	....	....	2	...
Fem , ..	....	9	..	17	....	1	1	....	2	3	1	....	....	....	....	....	1

—ALPHABETICAL ARRANGEMENT,—CONTINUED.

Cause of Death.	Age.											
	Under 5 y's.	5 to 10.	10 to 15	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
Infantile, ...	12	.....	.....	.....	.....	.....	....	....	....	....	....	....
Inflammation,....	34	1	4	2	4	3	3	6	2	2	1	2
"	34	3	2	1	7	2	1	3	3	4	....	1
"	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
Influenza,.....	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
"	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
Insanity,.....	.....	.....	.....	.....	1	.....	1	....	1	1	....	....
"	.....	.....	.....	.....	.....	.....	2	1	1	1	....	....
Intemperance,....	.....	.....	.....	.....	.....	.....	1	4	....	....	....	....
"	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
Jaundice, ...	1	.....	.....	.....	.....	.....	....	1	2	1	....	....
"	.....	.....	.....	.....	.....	.....	....	....	....	....	....	1
Kidneys, Dis. of,..	.....	.....	.....	2	5	2	1	2	3	1	1	....
" " ..	.....	.....	.....	.....	1	.....	....	....	....	....	....	....
Liver, Disease of,.	4	2	.....	.....	3	5	6	5	6	4	1	....
" " ..	2	1	2	2	3	2	4	4	2	3	2	....
Lungs, Disease of,	27	1	3	.....	4	3	4	5	8	2	....	1
" "	13	2	1	2	4	7	2	2	7	6	1	1
Measles, ...	5	1	1	.....	.....	.....	....	....	....	....	....	....
"	11	.....	.....	1	.....	.....	1	....	....	....	....	....
Metria, (Puer. F.,)	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
" "	.....	.....	.....	2	6	7	1	....	....	....	....	1
Mortification,.....	.....	.....	.....	.....	.....	1	1	1	....	....	....	....
"	1	.....	.....	.....	.....	.....	....	....	1	....	....	....
Murder,.....	1	.....	1	.....	1	1	....	2	1	....	....	....
"	1	.....	.....	.....	.....	.....	....	....	....	....	....	....
Neuralgia, ...	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
"	.....	.....	.....	.....	.....	.....	1	....	....	....	....	1
Noma, (Canker,).	7	.....	.....	.....	.....	.....	....	....	....	....	1	....
" "	7	.....	.....	.....	1	.....	....	1	....	....	....	....

TABLE IV.—CAUSES OF DEATH,

	Deaths. Sex.				Months.												
	Males.	Females.	Unknown.	Total.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Unknown.
Males, ..	120	....	..	....	13	9	6	7	6	8	6	10	17	14	10	13	1
Fem., ..	....	118	..	238	8	12	11	4	2	5	5	8	10	14	17	19	3
Males, ..	48	....	..	....	3	3	1	3	3	3	3	1	5	4	5	12	2
Fem., ..	....	32	..	80	1	1	....	4	1	5	5	....	2	7	4	2	...
Males, ..	3	....	..	....	....	....	....	....	1	1	....	....	....	1	....	....	...
Fem., ..	....	6	..	9	1	1	....	....	....	....	1	....	....	....	3	....	...
Males, ..	1	....	..	....	....	....	....	1	....	....	....	....	....	....	....	....	...
Fem., ..	....	7	..	8	....	1	....	....	....	....	....	2	....	1	....	3	...
Males, ..	189	....	..	....	25	16	3	8	6	7	6	9	14	19	37	35	4
Fem., ..	....	124	..	313	18	4	3	6	4	4	10	9	11	16	13	26	...
Males, ..	10	....	..	....	1	2	....	1	.. .	....	....	1	1	1	2	1	...
Fem., ..	....	5	..	15	....	1	1	....	1	2	....	....	...	....	....	....	...
Males, ..	1	....	..	....	....	1	....	....	....	....	....	....	....	....	....	....	...
Fem., ..	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	...
Males, ..	7	....	..	....	1	....	1	....	.. .	....	2	....	1	....	1	1	...
Fem., ..	....	3	..	10	....	1	....	....	....	1	1	....	....	....	....	....	...
Males, ..	13	....	..	....	2	1	2	....	....	....	....	1	....	1	2	4	...
Fem., ..	....	10	..	23	2	....	1	2	....	...	1	....	1	2	....	1	...
Males, ..	54	....	..	....	5	1	....	2	2	1	3	3	13	6	13	5	...
Fem., ..	....	46	..	100	2	....	3	....	2	1	2	1	11	11	4	8	1
Males, ..	17	....	..	....	1	2	....	1	1	2	1	4	1	1	....	3	...
Fem., ..	....	13	..	30	....	2	2	....	....	1	2	2	....	2	2	....	...
Males, ..	4	....	..	....	....	....	....	....	....	....	....	....	....	3	....	1	...
Fem., ..	....	3	..	7	....	....	1	....	....	....	....	....	2	....	....	....	...
Males, ..	21	....	..	....	2	4	1	1	2	1	2	1	2	....	2	2	1
Fem., ..	....	14	..	35	...	2	....	2	2	....	....	1	3	....	1	1	2
Males, ..	1	....	..	...	....	....	....	....	....	....	1	....	....	....	....	....	...
Fem., ..	....	....	..	1	....	....	....	....	...	....	....	....	....	....	....	....	...
Males, ..	3	....	..	....	....	....	....	....	1	1	....	....	1	....	....	....	...
Fem., ..	....	3	..	6	....	....	1	....	....	....	1	....	....	....	1	....	..

ALPHABETICAL ARRANGEMENT,—CONTINUED.

Cause of Death.	Age.											
	Over 5 y'rs.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
Old Age,	.....	.....	.....	.....	.....	.....	....	....	4	38	77	1
"	.....	.....	.....	.....	.....	.....	....	3	8	37	64	6
Paralysis,	.....	.....	.....	.....	1	.....	3	7	19	15	2	1
"	1	1	.....	.....	.....	2	1	2	11	8	6	....
Peritonitis,	.....	1	.....	.....	.....	.....	1	....	1	....	....	....
"	1	.....	.....	2	1	.....	....	1	....	....	....	1
Pleurisy,	.....	.....	.....	.....	.....	.....	....	1	....	....	....	....
"	.....	1	.....	.....	1	1	1	....	....	3	....	....
Pneumonia,	70	7	5	4	13	13	9	19	29	17	3	....
"	48	3	4	4	7	11	8	10	18	7	3	1
Poison,	2	.....	.....	2	.....	1	2	1	....	....	2	....
"	1	.....	.....	1	1	.....	....	....	2	....	....	....
Pur. and Scurvey,	.....	.....	.....	1	.....	.....	....	....	....	....	....	....
" "	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....
R. R. Accident,	.....	.....	.....	1	2	.....	2	1	....	....	....	1
" "	.....	.....	.....	.....	.....	.....	1	....	1	1	....	....
Rheumatism,	.....	.....	3	.....	1	2	2	....	1	2	2	....
"	1	1	1	.....	1	1	1	3	1	....	....	....
Scarlatina,	36	16	.....	.....	1	1	....	....	....	....	....	....
"	27	14	3	1	.....	.....	....	1	....	....	....	....
Scrofula,	10	.....	.....	1	.....	.....	4	....	2	....	....	....
"	5	.....	1	.....	2	1	1	....	2	1	....	....
Small Pox,	2	.....	.....	1	1	.....	....	....	....	....	....	....
"	.....	1	.....	2	.....	.....		....	....	....	....	....
Spine, Disease of,	8	3	1	1	2	3	.	1	1	1	....	....
" "	5	1	.....	2	1	2	1	....	2	....	....	....
Splenitis,	.....	.....	.....	.....	.....	1	.	....	....	....	....	....
"	.....	.....	.....	.....	.....	.....	.	....	....	....	....	....
Stomach, Dis. of,	2	.....	.....	.....	.....	.....	.	....	....	1	....	....
" "	.....	.....	.....	.....	1	.....	.	....	2	....	....	....

TABLE IV.—CAUSES OF DEATH,

	Deaths. Sex.				Months.												
	Males.	Females.	Unknown.	Totals.	April.	May.	June.	July.	August.	Sept.	October.	November.	December.	January.	February.	March.	Unknown.
Males, ..	....	....	..	....	....	....	....	....	1	....	....	....	....	....	....	....	...
Fem., ..	....	....	..	1	....	....	....	....	....	....	....	....	....	...	....	....	...
Males, ..	18	....	..	....	1	2	1	....	3	3	3	2	1	....	1	1	...
Fem., ..	....	5	..	23	1	....	....	....	....	....	....	1	2	....	1	....	...
Males, ..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	...
Fem., ..	....	1	..	1	....	....	....	....	....	....	....	....	....	....	....	1	...
Males, ..	11	....	..	....	....	1	1	2	4	1	....	1	1	....	1	....	...
Fem., ..	....	9	..	....	....	....	....	....	3	....	2	1	1	....	2	....	...
Unkn.,..	....	....	1	21	....	....	....	....	....	....	....	....	....	....	1	....	...
Males, ..	4	....	..	....	1	....	....	....	....	....	1	....	1	1	....	....	...
Fem., ..	....	7	..	11	2	....	....	....	....	....	1	1	1	1	....	....	...
Males, ..	2	....	..	....	....	....	....	....	....	....	....	....	....	....	....	2	...
Fem., ..	....	....	..	2	....	....	....	....	....	....	....	....	....	....	....	....	...
Males,..	9	....	..	....	....	1	....	....	...	1	....	1	3	....	1	2	...
Fem., ..	....	11	..	20	....	1	1	....	1	3	1	2	....	1	1	....	...
Males,..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	...
Fem. ...	....	4	..	4	1	....	....	....	....	....	....	....	1	....	2	....	...
Males,..	5	....	..	....	1	....	1	1	....	....	1	....	....	1	....	....	...
Fem., ..	....	1	..	6	....	....	....	....	....	....	....	....	1	....	....	....	...
Males,..	395	....	..	....	41	19	17	24	31	37	37	36	36	32	32	44	9
Fem. ,..	....	340	..	....	24	16	23	25	33	30	20	22	28	20	33	39	21
Unkn.,..	....	....	30	765	....	2	3	1	1	2	1	1	4	2	2	2	9
Males, ..	....	....	..		....	....	....	....	....	....	....	....	....	....	....	....	...
Fem., ..	....	1	..	1	....	....	....	....	....	....	....	....	....	1	....	....	..
Males,..	38	....	..	....	4	5	2	2	2	5	4	1	....	3	2	6	2
Fem., ..	....	41	..	....	4	5	5	1	7	7	2	....	1	....	1	8	...
Unkn.,..	....	....	1	78	....	....	....	1	....	....	....	....	....	....	....	....	...
Males,..	6	....	..	....	....	....	....	1	....	2	....	....	1	....	....	2	...
Fem., ..	....	4	..	10	1	1	....	....	....	....	1	1	....	....	....	....	...

—ALPHABETICAL ARRANGEMENT,—CONTINUED.

Cause of Death.	Age.											
	Under 5 y'rs.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
Sun Stroke,									1			
" "												
Suicide,				2	1	4	3	5		3		
"				1		1	3					
Syphilis,												
"					1							
Teething,	11											
"	9											
"	1											
Throat, Disease of	2				1			1				
" "	5		1		1							
Thrush,	2											
"												
Tumor,				2	1		2	2		1		1
"	1				3	1	1	1	2	1		1
Turn of Life,												
" "							3	1				
Ulcers,	1							3	1			
"							1					
Unknown,	245	15	14	7	12	8	15	17	11	16	2	33
"	198	8	12	8	26	16	11	10	13	7	3	28
"	20					1						9
Uterus, Disease of,												
" "								1				
Whooping Cough,	37	1										
" "	39	2										
" "	1											
Worms,	4	2										
"	3	1										

TABLE V.—CAUSES OF DEATH,—CLASSIFED ARRANGEMENT.

EXHIBITING by Counties, the Registered Number of Deaths from various Specified Causes, — Statistically Classified, (Still-Births included,) during the Year ending April 5, 1868.

CAUSES OF DEATH.	STATE.	Allegan.	Alpena.	Antrim.
All Causes,	6,271	147	4	22
Specified Causes,	5,351	135	4	18
CLASSES.				
I.—Zymotic Diseases,	1,636	35	2	2
II.—Constitutional Diseases,	1,301	36	.....	4
III.—Local Diseases,	1,554	42	1	7
IV.—Developmental Diseases,	477	11	.....	5
V.—Violent Deaths,	383	11	1	.....
ORDERS.				
I.—1. Miasmatic Diseases,	1,612	35	2	2
2. Enthetic Diseases,	2	.....	.....	.....
3. Dietic Diseases,	10	.....	.....	.....
4. Parasitic Diseases,	12	.....	.....	.....
II.—1. Diathetic Diseases,	305	5	.....	2
2. Tubercular Diseases,	996	31	.....	2
III.—1. Diseases of Nervous System,	522	10	1	3
2. " Organs of Circulation,	207	2	.....	1
3. " Respiratory Organs,	471	24	.....	1
4. " Digestive Organs,	240	3	.....	2
5. " Urinary Organs,	43	1	.....	.....
6. " Generative Organs,	4	.....	.....	.....
7. " Organs of Locomotion,	41	.....	.....	.....
8. " Integumentary System,	26	2	.....	.....
IV.—1. Developmental Diseases of Children,	80	.....	.....	.....
2. " " Adults,	91	5	.....	.....
3. " " Old People,	239	6	.....	4
4. Diseases of Nutrition,	67	.....	.....	1
V.—1. Accident or Negligence,	352	11	1	.....
2. Homicide,	11	.....	.....	.....
3. Suicide,	20	.....	.....	.....
Causes not Specified,	920	12	.....	4

Barry.	Bay.	Berrien.	Branch.	Calhoun.	Cass.	Cheboygan.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Grand Traverse.
143	71	210	167	259	122	4	131	12	145	16	250	23
116	42	176	148	225	102	4	120	11	125	9	225	28
37	24	54	39	49	24	.....	37	2	43	1	97	7
32	8	32	42	54	32	2	24	5	31	2	57	6
29	8	67	46	87	36	.....	45	2	36	3	48	10
6	.....	7	13	26	4	1	3	.....	10	2	15	1
12	2	16	8	9	6	1	11	2	5	1	8	4
36	22	53	39	48	23	.....	37	2	43	1	97	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
6	1	7	8	13	9	.....	4	1	13	.....	11	2
26	7	25	34	41	23	2	20	4	18	2	46	4
7	1	30	20	26	10	.....	9	1	14	.....	18	1
4	1	3	3	18	1	.....	14	.....	5	1	5	1
10	2	20	8	24	19	.....	11	.....	10	1	8	2
5	2	9	11	13	6	.....	10	1	7	.....	11	4
2	2	1	1	3	.....	.....	1	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	2	1	.....	.....	.....	.....	.....	1	4	1
1	.....	3	1	2	.....	.....	.....	.....	.....	.....	1	1
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....
2	.....	4	5	3	1	.....	.....	.....	1	1	5	1
3	.....	1	7	16	3	.....	3	.....	8	1	9	.....
1	.....	2	1	5	.....	1	.....	.....	1	.....	.....	.....
12	2	16	6	6	5	1	9	2	5	1	8	4
.....	.....	.....	1	.....	1	.....	2	.....	.....	.....	.....	.....
.....	.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....
27	29	34	19	34	20	.....	11	1	20	7	25	.....

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Jackson.	Kalamazoo.	Kent.	Lapeer.
71	162	33	53	140	174	9	38	217	182	199	147
60	143	25	45	116	144	8	33	194	161	170	126
28	30	10	9	30	50	1	25	63	37	40	42
14	35	3	7	32	35	2	3	44	32	50	27
10	56	4	19	33	37	3	3	59	63	49	33
3	16	5	1	6	15	1	1	12	21	21	16
5	6	3	9	15	7	1	1	16	8	10	8
25	30	9	9	29	50	1	25	63	37	39	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
4	7	1	2	10	6	.....	.....	12	5	14	9
10	28	2	5	22	29	2	3	32	27	36	18
4	17	.....	6	10	12	.....	1	17	22	16	9
1	10	.....	2	2	4	.....	2	12	11	6	3
5	17	2	6	15	14	2	.....	19	15	12	15
.....	6	1	3	3	2	1	.....	7	11	12	5
.....	3	1	1	.....	.....	.....	.....	.....	1	1	.....
.....	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....
.....	3	.....	1	.....	3	.....	.....	3	1	1	1
.....	.....	.....	.....	1	2	.....	.....	.....	2	1	.....
.....	1	1	.....	2	6	.....	.....	.....	.....	8	.....
2	3	1	1	1	.....	1	.....	2	1	6	4
1	10	1	.....	3	8	.....	1	5	10	7	10
.....	2	2	.....	.....	1	.....	.....	5	10	.....	2
4	4	3	9	13	6	1	1	13	7	9	8
.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....
1	2	.....	.....	1	1	.....	.....	3	.....	1	.....
11	19	8	8	24	30	1	5	23	21	29	2

Lenawee.	Livingston.	Macomb.	Manistee.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.	Monroe.	Montcalm.	Muskegon.
271	103	167	63	45	10	34	6	40	173	62	116
232	89	147	54	41	9	23	6	28	153	53	104
75	20	34	20	4	4	3	1	12	42	16	49
45	24	51	14	9	1	6	2	5	33	16	13
77	34	38	6	14	2	8	1	7	51	14	16
16	7	17	2	6	.....	3	1	4	14	4	18
19	4	7	12	8	2	3	1	.....	13	3	8
75	18	34	20	4	4	3	1	11	41	16	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	7	16	2	.....	.....	.....	.....	.....	4	6	4
36	17	35	12	9	1	6	2	5	29	10	9
26	10	20	2	4	1	2	.....	5	25	5	7
12	5	2	1	.....	.....	2	1	.....	8	2	2
16	14	8	1	7	1	2	.....	2	14	3	2
8	2	5	2	2	.....	1	.....	.....	2	2	3
11	2	.....	.....	1	.....	.....	.....	.....	.....	1	1
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	1	.....	.....	.....	1	.....	.....	2	.....	1
4	5	5	.....	6	.....	.....	.....	.....	2	1	6
2	.....	3	1	.....	.....	.....	1	.....	2	.....	1
10	2	8	1	.....	.....	2	.....	2	9	2	.....
.....	.....	1	.....	.....	.....	1	.....	2	1	1	11
16	4	7	12	8	2	3	1	.....	13	3	8
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	14	20	9	4	1	11	.....	12	20	9	12

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Newaygo.	Oakland.	Oceana.	Ontonagon.	Ottawa.	Sanilac.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.
34	222	76	5	238	76	123	225	171	68	185	246	329
25	185	67	5	180	68	107	192	146	60	171	210	258
5	54	24	1	73	25	46	55	46	24	59	44	80
8	54	16	1	44	18	27	44	40	17	40	60	56
8	56	15	1	43	15	22	54	42	11	47	60	68
2	14	5	1	10	6	6	24	10	2	16	29	36
2	7	7	1	10	4	6	15	8	6	9	17	18
3	53	24	1	73	24	46	55	46	24	57	44	80
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	....	....
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	...	....	....
2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	....	....
.....	18	3	.....	10	6	7	15	10	2	6	16	9
8	36	13	1	34	12	20	29	30	15	34	44	47
2	21	5	1	15	2	10	16	9	3	11	20	33
1	8	.....	.....	6	.....	.....	7	3	.....	8	12	14
3	20	4	.....	16	7	10	15	16	5	21	14	7
1	5	5	.....	5	3	1	15	11	2	5	10	12
1	.....	.....	.....	.....	1	.....	1	1	.....	2	2	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	....	....
.....	1	1	.....	1	2	1	.....	2	1	...	....	1
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	...	2	1
.....	1	1	1	2	.....	.....	4	3	.....	2	2	13
2	2	2	.....	2	3	.....	4	1	2	1	8	3
.....	9	2	.....	4	3	5	15	6	.....	10	17	15
.....	2	.....	.....	2	.....	1	1	.....	.....	3	2	5
2	6	7	1	10	3	6	15	7	6	8	15	15
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	....	....	1
.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	2	2
9	37	9	.....	58	8	16	33	25	8	14	36	71

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

DISEASES.	State.	Allegan.	Alpena.	Antrim.
I.—1. MIASMATIC.				
Totals,	1,612	35	2	2
1. Small Pox, (a,)	10	.....	.....	.....
2. Measles,	20	1	.....	.....
3. Scarlatina,	103	.....	.....	.....
4. Diphtheria,	117	.....	.....	.....
5. Quinsy,	.....	.....	.....	.....
6. Croup,	117	3	.....	.....
7. Whooping Cough,	79	2	.....	1
8. Typhus, (b,)	369	6	1	.....
9. Erysipelas,	49	.....	.....	.....
10. Metria, (Puerperal Fever,)	17	.....	.....	.....
11. Dysentery,	251	6	.....	1
12. Diarrhœa,	137	2	.....	.....
13. Cholera Infantum,	55	2	.....	.....
14. Cholera Morbus,	10	.....	.....	.....
15. Ague, (c,)	52	4	.....	.....
16. Remittent Fever, (d,)	213	8	1	.....
17. Rheumatism,	23	1	.....	.....
I.—2. ENTHETIC.				
Totals,	2	.....	.....	.....
1. Syphilis,	1	.....	.....	.....
2. Stricture of Urethra,	1	.....	.....	.....
I.—3. Dietic,				
Totals,	10	.....	.....	.....
1. Purpura and Scurvy,	1	.....	.....	.....
2. Delirium Tremens } Alcoholism.	3	.....	.....	.....
3. Intemperance, } Alcoholism.	6	.....	.....	.....
I.—4. PARASITIC.				
Totals,	12	.....	.....	.....
1. Thrush,	2	.....	.....	.....
2. Worms,	10	.....	.....	.....

Barry.	Bay.	Berrien.	Branch.	Calhoun.	Cass.	Cheboygan.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Grand Traverse.
36	22	53	39	48	23	.....	37	2	43	1	97	7
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	1	.....	.....	1	3	.....	.....	.....	.....	.....	26	1
3	5	3	4	1	3	.....	4	.....	3	.....	4	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	1	11	1	6	2	.....	2	.....	3	.....	6	.....
3	.....	.....	3	2	1	.....	1	1	.....	.....	4	.....
10	8	18	13	14	1	.....	14	.....	15	.....	16	2
.....	.....	1	3	4	1	.....	.....	.....	2	.....	1	.....
.....	.....	3	1	1	2	.....	.....	.....	1	.....	.....	.....
4	1	3	8	7	2	.....	11	.....	9	.....	16	3
3	.....	1	2	4	2	.....	3	.....	.....	.....	8	.....
.....	2	2	.....	3	2	.....	.....	1	.....	.....	4	.....
.....	.....	1	.....	1	2	.....	.....	.....	.....	.....	.....	.....
1	.....	3	.....	2	.....	.....	1	.....	2	.....	3	1
6	1	3	3	2	1	.....	1	.....	8	1	9	.....
1	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Jackson.	Kalamazoo.	Kent.	Lapeer.
25	30	9	9	29	50	1	25	63	37	39	40
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	1	.....	.....	.....	3	1	.....	4
2	3	.....	4	1	1	.....	.....	.....	2	3	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	1	4	.....	1	.....	.....	1	.....	4	4	1
1	4	2	.....	2	3	.....	.....	.....	2	5	2
5	10	.....	1	7	9	.....	2	22	8	8	9
.....	3	.....	1	1	1	.....	.....	1	1	2	3
.....	2	.....	.....	.....	.....	.....	1	1	.....	1	.....
7	1	1	.....	2	20	.....	14	20	8	4	8
6	2	1	1	3	6	.....	.....	.....	.....	5	.....
.....	.....	.....	.....	1	.....	.....	.....	4	4	3	3
.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
.....	2	.....	.....	1	1	.....	.....	4	1	.....	1
2	1	1	.....	7	8	1	7	6	5	3	5
.....	.....	.....	.....	1	.....	.....	.....	1	1	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2

Leelanaw.	Lenawee.	Livingston.	Macomb.	Manistee.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.	Monroe.	Montcalm.	Muskegon.
2	75	18	34	20	4	4	3	1	11	41	16	49
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	2	1	2	6	1	.....	.....	.....	.....	.....	.....	1
.....	9	1	1	1	1	.....	.....	1	.....	1	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	6	1	1	.....	.....	.....	.....	.....	1	4	1	3
.....	6	3	2	.....	.....	.....	.....	.....	.....	3	.....	.....
1	25	1	17	4	.....	.....	2	.....	.....	6	4	14
.....	3	1	1	.....	.....	1	1	.....	.....	3	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
.....	5	5	1	5	.....	3	.....	.....	3	9	2	2
1	2	.....	2	.....	.....	.....	.....	.....	7	2	1	11
.....	3	.....	2	.....	1	.....	.....	.....	.....	5	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....
.....	9	5	3	4	1	.....	.....	.....	.....	7	4	14
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Newaygo.	Oakland.	Oceana.	Ontonagon.	Ottawa.	Saniliac.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.
3	53	24	1	73	24	46	55	46	24	57	44	80
.....	1	1	.....	.....	.....	.....	.....	.....	.....	2	....	1
.....	.....	.....	.....	3	3	.....	6	.....	.....	1	....	....
1	6	.....	.....	7	1	12	2	11	4	1	....	2
.....	3	1	.....	3	.....	5	12	7	3	12	3	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	3	.....	1	4	.....	.....	6	3	.....	5	7	14
1	1	1	.....	1	5	1	1	1	4	6	2	2
.....	16	1	.....	14	.....	14	9	7	2	8	16	9
.....	1	1	.....	1	2	1	.....	3	1	2	....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	7	10	.....	8	1	3	2	4	1	6	6	12
.....	3	5	.....	14	11	2	5	2	3	3	....	14
.....	1	.....	.....	.....	.....	1	.....	.....	.....	2	4	4
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	....
.....	2	.....	.....	1	.....	3	2	3	2	5	....	1
1	7	4	.....	15	1	3	9	4	4	3	4	11
.....	1	.....	.....	2	.....	1	1	1	.....	....	1	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	....	....
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	....	....	....
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	....	....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	...
2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	....	....

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

DISEASES.	State.	Allegan.	Alpena.	Antrim.
II.—1. DIATHETIC.				
Totals,	305	5	.....	2
1. Dropsy and Anemia,	208	4	.....	1
2. Cancer,	75	1	.....	1
3. Noma, (Canker,)	17	.....	.....	.....
4. Mortification,	5	.....	.....	.....
II.—2. TUBERCULAR.				
Totals,	996	31	.....	2
1. Scrofula,	30	4	.....	.....
2. Phthisis, (Consumption of Lungs,)	949	27	.....	2
3. Hydrocephalus,	17	.....	.....	.....
III.—1. NERVOUS SYSTEM.				
Totals,	522	10	1	3
1. Cephalitis,	80	.....	.....	.....
2. Apoplexy,	33	2	.....	1
3. Paralysis,	79	.....	1	.....
4. Insanity,	9	.....	.....	.....
5. Chorea,	2	.....	.....	.....
6. Epilepsy,	107	4	.....	.....
7. Convulsions,	37	.....	.....	.....
8. Brain Diseases, etc.,	170	4	.....	2
III.—2. ORGANS OF CIRCULATION.				
Totals,	207	2	.....	1
1. Pericarditis,	.....	.....	.....	.....
2. Heart Diseases, etc.,	207	2	.....	1
III.—RESPIRATORY ORGANS.				
Totals,	471	24	.....	1
1. Bronchitis,	12	.....	.....	.....
2. Pleurisy,	11	1	.....	.....
3. Pneumonia,	316	17	.....	.....
4. Asthma,	9	.....	.....	.....
5. Lung Diseases, etc.,	123	6	.....	1

Barry.	Bay.	Berrien.	Branch.	Calhoun	Cass.	Cheboygan.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Grand Traverse
6	1	7	8	13	9	.....	4	1	13	.....	11	2
5	1	6	6	9	4	.....	3	1	10	.....	6	1
1	.....	1	2	2	4	.....	.....	.....	2	.....	4	1
.....	.....	.....	.....	2	1	.....	1	.....	1	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	7	25	34	41	23	2	20	4	18	2	46	4
2	.....	4	.....	1	.....	.....	1	.....	1	.....	1	.....
23	7	20	34	37	23	2	19	4	17	1	42	3
1	.....	1	.....	3	.....	.....	.....	.....	.....	1	3	1
7	1	30	20	26	10	.....	9	1	14	.....	18	1
.....	.....	12	6	10	4	.....	6	.....	.....	.....	5	.....
.....	.....	1	1	2	.....	.....	.....	.....	1	.....	1	.....
3	.....	9	3	1	1	.....	1	.....	4	.....	1	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	4	3	4	3	.....	2	.....	4	.....	3	1
.....	.....	2	2	6	2	.....	.....	.....	1	.....	1	.....
3	1	2	4	8	.....	.....	.....	1	4	.....	5	.....
4	1	3	4	18	1	.....	14	.....	5	1	5	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	1	3	3	18	1	.....	14	.....	5	1	5	1
10	2	20	8	24	19	.....	11	.....	10	1	8	2
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	15	7	17	16	.....	11	.....	9	.....	5	1
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
2	2	4	1	6	2	.....	.....	.....	1	1	2	

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT—CONTINUED.

Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Jackson.	Kalamazoo.	Kent.	Lapeer.
4	7	1	2	10	6	.....	.....	12	5	14	9
2	6	.....	1	8	3	.....	.....	6	3	8	6
1	1	1	.....	2	2	.....	.....	5	2	5	2
1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	1
19	28	2	5	22	29	2	3	32	27	36	18
2	4	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
7	24	2	5	22	29	2	3	30	26	36	18
1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
4	17	.....	6	10	12	.....	1	17	22	16	9
.....	2	.....	.....	1	2	.....	1	2	4	.....	2
.....	1	.....	.....	.....	.....	.....	.....	2	2	1	1
.....	5	.....	.....	4	.....	.....	.....	3	3	2	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	3	.....	3	1	2	.....	.....	3	1	1	3
1	.....	.....	2	.....	.....	.....	.....	1	1	.....	2
.....	6	.....	1	4	8	.....	.....	6	11	11	.....
1	10	.....	2	2	4	.....	2	12	11	6	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	10	.....	2	2	4	.....	2	12	11	6	3
5	17	2	6	15	14	2	.....	19	15	12	15
.....	.....	.....	.....	2	.....	.....	.....	1	1	2	1
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
3	9	1	3	6	12	2	.....	9	11	1	9
.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....
2	8	1	2	5	2	.....	.....	8	3	8	5

Leelanaw.	Lenawee.	Livingston.	Macomb.	Manistee.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.	Monroe.	Montcalm.	Muskegon.
3	9	7	16	2	.....	.....	.....	.....	.....	4	6	4
3	7	4	8	1	.....	.....	.....	.....	.....	2	5	3
.....	2	2	5	.....	.....	.....	.....	.....	.....	2	1	1
.....	.....	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	36	17	35	12	9	1	6	2	5	29	10	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
3	36	17	35	12	9	1	6	2	5	29	10	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	26	16	20	2	4	1	2	.....	5	25	5	7
.....	1	1	2	.....	.....	.....	.....	.....	.....	4	1	.....
.....	4	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....
2	7	2	3	.....	.....	.....	.....	.....	.....	1	1	1
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	8	8	2	.....	.....	1	1	.....	1	11	2	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	1
.....	11	4	8	1	3	.....	1	.....	2	7	.....	5
1	12	5	2	1	.....	.....	2	1	.....	8	2	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	12	5	2	1	.....	.....	2	1	.....	8	2	2
1	16	14	8	1	7	1	2	.....	2	14	3	2
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	6	10	6	.....	6	1	2	.....	1	8	2	2
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	8	4	1	1	1	.....	.....	.....	1	5	.....	.....

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Newaygo.	Oakland.	Oceana.	Ontonagon.	Ottawa.	Sanilac.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.
.....	18	2	.....	10	6	7	15	10	2	6	16	9
.....	16	2	.....	8	4	6	12	6	1	4	9	7
.....	2	.....	.....	2	1	.....	3	4	.....	2	6	2
.....	.....	1	.....	.....	1	1	.....	.....	1	....	1	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
8	36	13	1	34	12	20	29	30	15	34	44	47
.....	1	.....	.....	1	.....	.....	.....	1	1	4	....	....
8	35	13	1	32	12	20	29	29	14	30	44	44
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	....	....	3
2	21	5	1	15	2	10	16	9	3	11	20	33
.....	.....	.....	.....	1	.....	.....	5	.....	.....	2	3	3
.....	5	.....	.....	1	.....	.....	3	1	.....	1	1	2
.....	6	.....	.....	2	.....	1	1	1	.....	2	5	2
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	.....	.....	....	.....	.....	.....	.....	.....	.....	....	....	....
1	3	2	.....	1	1	2	7	3	2	1	5	1
.....	.....	.....	.....	1	.....	2	.....	2	1	1	....	5
.....	7	3	1	9	1	5	.....	2	.....	4	6	14
1	8	.....	.....	6	.....	.....	7	3	.....	8	12	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
1	8	.....	.....	6	.....	.....	7	3	.....	8	12	14
3	20	4	.....	16	7	10	15	16	5	21	14	7
.....	.....	.....	.....	1	.....	.....	.....	1	.....	....	....	....
1	1	.....	.....	.....	1	1	.....	1	.....	....	...	....
2	15	3	.....	11	5	8	12	6	5	17	12	4
.....	1	.....	.....	.....	.....	1	.....	.....	.....	....	...	....
.....	3	1	.....	4	1	.....	3	8	.....	4	2	

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

DISEASES.	State.	Allegan.	Alpena.	Antrim.
III.—4. DIGESTIVE ORGANS.				
Totals,	240	3	.....	2
1. Gastritis,	8	.....	.....	.....
2. Enteritis,	96	.....	.....	1
3. Peritonitis,	9	.....	.....	.....
4. Hernia,	10	.....	.....	.....
5. Stomach Disease, etc., (e,)	51	1	.....	.....
6. Hepatitis,	4	.....	.....	.....
7. Jaundice,	4	.....	.....	.....
8. Liver Diseases, etc.,	57	1	.....	1
9. Splean Disease, etc.,	1	1	.....	.....
III.—5. URINARY ORGANS.				
Totals,	43	1	.....	.....
1. Diabetes,	17	1	.....	.....
2. Calculus, (Stone, Gravel, etc.,)	11	.....	.....	.....
3. Kidney Diseases, etc.,	15	.....	.....	.....
III.—6. GENERATIVE ORGANS.				
Tota's,	4	.....	.....	.....
1. Ovarian Dropsy,	1	.....	.....	.....
2. Disease of Uterus, etc ,	3	.....	.....	.....
III.—7. ORGANS OF LOCOMOTION.				
Totals,	41	.....	.....	.....
1. Joint Diseases, etc ; (f,)	41	.....	.....	.....
III.—8. INTEGUMENTARY SYSTEM.				
Totals,	26	2	.....	.....
1. Phlegmon,	17	2	.....	.....
2. Ulcer,	9	.....	.....	.....
IV.—I. DEVELOPMENTAL DISEASES OF CHILDREN.				
Totals,	80	.....	.....	.....
1. Still-Born,	27	.....	.....	.....
2. Infantile, Premature, etc.,	31	.....	.....	.....
3. Cuyanosis,	1	.....	.....	.....
4. Teething,	21	.....	.....	.....

Berry.	Bay.	Berrien.	Branch.	Calhoun.	Cass.	Cheboygan.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Grand Traverse.
5	2	9	11	13	6	.....	10	1	7	.....	11	4
.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	1	.....
.....	.....	.....	5	3	4	.....	6	.....	5	.....	3	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	2	8	1	3	1	.....	1	1	.....	.....	1	.....
.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	1	2	6	.....	.....	3	.....	1	.....	5	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	2	1	1	3	.....	.....	1	.....	.....	.....	1	.....
.....	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....
2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	2	1	.....	.....	.....	.....	.....	1	4	1
.....	.....	1	2	1	.....	.....	.....	.....	.....	1	4	1
1	.....	3	1	2	.....	.....	.....	.....	.....	.....	1	1
.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	1
1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Jackson.	Kalamazoo.	Kent.	Lapeer.
.....	6	1	3	3	2	1	.....	7	11	12	5
.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
.....	3	1	2	2	1	.....	.....	.....	4	6	4
.....	.....	.....	.....	1	1	.....	.....	.....	1	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	3	4	4	.....
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
.....	2	.....	1	.....	.....	.....	.....	1	2	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	1	1	.....	.....	.....	.....	.....	1	1	.....
.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
.....	3	.....	1	.....	3	.....	.....	3	1	1	1
.....	3	.....	1	.....	3	.....	.....	3	1	1	1
.....	.....	.....	.....	1	2	.....	.....	.....	2	1	.....
.....	.....	.....	.....	1	1	.....	.....	.....	2	1	.....
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
.....	1	1	.....	2	6	.....	.....	.....	.....	8	.....
.....	.....	1	.....	.....	4	.....	.....	.....	.....	8	.....
.....	1	.....	.....	2	1	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Leelanaw.	Lenawee.	Livingston.	Macomb.	Manistee.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.	Monroe.	Montcalm.	Muskegon.
3	8	2	5	2	2	.....	1	.....	.....	2	2	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	2	2	2	.....	2	.....	.....	.....	.....	.....	.....	2
.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	2	.....	.....	.....	1	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	1	1	.....	.....	.....	.....	.....	2	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	11	2	.....	.....	1	.....	.....	.....	.....	.....	1	1
.....	6	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	4	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....
1	4	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	1	.....	.....	.....	1	.....	.....	2	.....	1
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
1	4	5	5	.....	6	.....	.....	.....	.....	2	1	6
.....	1	5	2	.....	.....	.....	.....	.....	.....	1	.....	.....
1	1	.....	3	.....	.....	.....	.....	.....	.....	1	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	5

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Newaygo.	Oakland.	Oceana.	Ontonagon.	Ottawa.	Sanilac.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.
1	5	5	.....	5	3	1	15	11	2	5	10	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	1	1	.....	4	3	.....	6	2	2	2	4	6
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	....	1	....
.....	2	.....	.....	.....	.....	.....	2	2	.....	....	1	....
.....	1	2	.....	1	.....	1	1	1	.....	3	1	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	1
.....	1	2	.....	.....	.....	.....	6	4	.....	....	2	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
1	.....	.....	.....	.....	1	.....	1	1	.....	2	2	....
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	....	....
1	.....	.....	.....	.....	.....	.....	1	1	.....	....	....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	2	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	1	1	.....	1	2	1	.....	2	1	....	....	1
.....	1	1	.....	1	2	1	.....	2	1	....	....	1
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	....	2	1
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	....	....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	2	....
.....	1	1	1	2	.....	.....	4	3	.....	2	2	13
.....	.....	.....	.....	2	.....	.....	1	1	.....	....	....	....
.....	.....	1	.....	.....	.....	.....	1	.....	.....	2	....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	1	.....	1	.....	.....	.....	.....	2	.....	....	2	....

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

DISEASES.	State.	Allegan.	Alpena.	Antrim.
IV.—2. DEVELOPMENTAL DISEASES OF ADULTS.				
Totals,	91	5	.....	.....
1. Paramenia,	7	.....	.....	.....
2. Child Birth, (see also Metria,)	84	5	.....	.....
IV.—3. DEVELOPMENTAL DISEASES OF OLD PEOPLE.				
1. Old Age,	239	6	.....	4
IV.—4. DISEASES OF NUTRITION.				
1. Atrophy and Debility,	67	.....	.....	1
V.—1. ACCIDENT OR NEGLIGENCE.				
Totals,	352	11	1	.....
1. Fracture and Contusions,	10	.....	.....	.....
2. Burns and Scalds,	56	3	.....	.....
3. Poison,	16	.....	1	.....
4. Drowning,	63	1	.....	.....
5. Other Casualties,	207	7	.....	.....
V.—2. Homicide,	11	.....	.....	.....
V.—3. Suicide,	20	.....	.....	.....
Causes not Classified, (g,)	920	12	.....	4

(a.) Small Pox includes Chicken Pox.

(b.) Typhus includes Typhoid and Infantile Fevers.

(c.) Ague includes 41 cases of Congestive Chills.

(d.) With Remittent Fever are classed 162 cases of "Fever."

(e.) Stomach Disease includes, also, such diseases of the bowels and other digestive organs as are not classed under specific heads.

(f.) Includes 35 cases of diseases of the Spine.

(g.) "Causes not Classified," include those who died of Hemorrhage, Tumor, Inflammation, Congestion, and such other causes as are either positively unknown, or reported in such indefinite terms as to render classification impossible.

Barry.	Bay.	Berrien.	Branch.	Calhoun.	Cass.	Cheboygan.	Clinton.	Delta.	Eaton.	Emmet.	Genesee.	Grand Traverse.
2	.....	4	5	3	1	.....	.....	.....	1	1	5	1
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	4	4	3	1	.....	.....	.....	1	1	5	1
3	.....	1	7	16	3	.....	3	.....	8	1	9	.....
1	.....	2	1	5	.....	1	.....	.....	1	.....	.....	.....
12	2	16	6	6	5	1	9	2	5	1	8	4
.....	.....	1	2	1	.....	.....	.....	.....	2	.....	1	.....
2	1	.....	1	.....	1	.....	3	.....	.....	.....	1	.....
.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....	2	.....
5	.....	9	.....	1	2	.....	.....	.....	.....	.....	1	2
5	1	5	3	4	2	1	4	2	3	1	3	2
.....	.....	.....	1	.....	1	.....	2	.....	.....	.....	.....	.....
.....	.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....
27	29	34	19	34	20	.....	11	1	20	7	25	.....

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Isabella.	Jackson.	Kalamazoo.	Kent.	Lapeer.
2	3	1	1	1	.....	1	.....	2	1	6	4
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
2	3	1	1	.....	.....	1	.....	2	1	6	4
1	10	1	.....	3	8	.....	1	5	10	7	10
.....	2	2	.....	.....	1	.....	.....	5	10	.....	2
4	4	3	9	13	6	1	1	13	7	9	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	1	.....	.....	7	1	.....	.....	1	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	3	.....	1	.....
.....	1	1	.....	.....	.....	.....	.....	2	.....	1	.....
4	2	2	9	6	5	1	1	7	6	7	7
.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....
1	2	.....	.....	1	1	.....	.....	3	.....	1	.....
11	19	8	8	24	30	1	5	23	21	29	21

Leelanaw.	Lenawee.	Livingston.	Macomb.	Manistee.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.	Monroe.	Montcalm.	Muskegon
1	2	.....	3	1	.....	.....	.....	1	.....	2	.....	1
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	2	.....	2	1	.....	.....	.....	1	.....	2	.....	1
.....	10	2	8	1	.....	.....	2	.....	2	9	2	.....
.....	.....	.....	1	.....	.....	.....	1	.....	2	1	1	11
7	16	4	7	12	8	2	8	1	.....	13	3	8
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
1	2	.....	2	1	.....	.....	.....	.....	.....	2	.....	3
.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	3	1	1	2	.....	1	1	.....	.....	1	.....	8
3	10	3	2	9	8	1	2	1	.....	9	3	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	39	14	20	9	4	1	11	.....	12	20	9	12

TABLE V.—CAUSES OF DEATH,—CLASSIFIED ARRANGEMENT,—CONTINUED.

Newaygo.	Oakland.	Oceana.	Ontonagon.	Ottawa.	Sanilac.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.
2	1	2	.....	2	3	.....	4	1	2	1	8	3
.....	1	1	.....	.....	.....	.....	.....	1	1	....	....	....
2	1	1	.....	2	3	.....	4	.....	1	1	8	3
.....	9	2	.....	4	3	5	15	6	.....	10	17	15
.....	2	.....	.....	2	.....	1	1	.....	.....	3	2	5
2	6	7	1	10	3	6	15	7	6	8	15	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....
.....	.....	4	.....	6	.....	1	2	1	1	2	2	3
1	.....	.....	.....	.....	.....	.....	1	.....	.....	....	1	1
.....	1	.....	.....	1	2	.....	4	.....	3	2	6	2
1	5	3	1	3	1	5	8	6	2	4	6	9
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	....	....	1
.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	2	2
9	37	9	.....	58	8	16	33	25	8	14	36	71

AN ACT

TO PROVIDE FOR THE REGISTRATION OF BIRTHS, MARRIAGES AND DEATHS.

SECTION 1. *The People of the State of Michigan enact,* That it shall be the duty of the supervisor of each township, and the supervisor or assessor of any city or ward therein, in this State, at the time of taking the annual assessment in each year, to ascertain by actual inquiry or otherwise, of the inhabitants thereof, the births and deaths which have occurred in their respective townships or cities, during the year and preceding the first Monday in April, in which such assessment is taken, together with the facts relating thereto, as are hereinafter provided for, and shall make an accurate return thereof to the county clerk in which such township or city is situated, within thirty days after completing said assessment.

Sec. 2. Every justice of the peace, minister of the Gospel, and all other persons authorized by law to solemnize marriages in this State, shall make a record of each marriage so solemnized by him, and every clerk or keeper of the records of the meetings in which any marriage among the Friends or Quakers shall be solemnized, shall make a record of such marriage, together with all the facts relating to the same, as required by the third section of this act; and such justice, minister of the Gospel, clerk or other person shall, at the time such marriage is solemnized, deliver on demand, to either of the parties so joined in marriage as aforesaid, a certificate of such marriage, containing all the facts in relation thereto, required by said third section of this act, and shall within ninety days thereafter deliver to the clerk of the county in which such marriage took

place, a certified copy of such record, and at the same time pay to the clerk twenty-five cents for recording the same.

Sec. 3. It shall be the duty of the county clerks of the several counties in this State, on receiving the returns of such births, marriages and deaths, to record the same at length, in separate books to be provided at the expense of the State, by the Secretary of State for that purpose, with proper indexes thereto. The births, marriages and deaths shall be numbered and recorded alphabetically, using both the name of the bridegroom and bride in the record of marriages, in the order in which they are received by the clerk of the county; the record of the birth shall state, in separate columns, the date of the birth, the name of the child, (if it have any,) the sex of the child, the place of birth, the Christian and surnames of both parents, the residence and nativity of the parents, the occupation of the father, and the date when the record was made: *Provided*, That in case the child has no Christian name, such name shall be obtained and reported to said county clerk in the next annual report of the supervisor or assessor, and such Christian name shall be distinctly designated in such report as the Christian name belonging to a child previously reported, and shall be properly entered by said county clerk in the blank left for such Christian name in his book of records. The marriages shall be recorded in the order in which they are received. The record of marriages shall state, in separate columns, the date and place of marriage, the Christian and surnames of the bridegroom and bride, the age and place of birth of each, the residence of each at the time of marriage, the occupation of the bridegroom, and the name and official station of the person by or before whom they were married, the names and residences of at least two witnesses present at such marriage, and the date when such record was made. The record of deaths shall state, in separate columns, the date of the death, the Christian and surname of the deceased, the sex, whether married or single, the age in years, months and days, the place of death, the disease or apparent cause of death, the nativity of the deceased, and the oc-

cupation, if over ten years of age, and if under that age, the names and residence of the parents, if known, and the date when such record is made. The clerks of the several counties shall annually, on or before the first day of November, make and transmit to the Secretary of State a certified copy of the records in his office, of all the births, marriages and deaths that have occurred in their several counties during the year next preceding the first Monday in April.

Sec. 4. The Secretary of State shall prepare and furnish to the county clerks of the several counties in this State, blank books of suitable quality and size, with proper rulings and headings, to be used as books of record in carrying into effect the provisions of this act; he shall also prepare and furnish blank "forms of returns," as hereinbefore specified, accompanied with such instructions and explanations as may be necessary to insure uniformity in such returns, which blanks shall be forwarded to the several county clerks, on or before the first day of March in each year, and the said county clerks shall deliver the same to the supervisors or assessors of the several townships, cities and wards therein in their respective counties, at the same time and in the same manner that blanks for assessment rolls are delivered.

Sec. 5. It shall be the duty of the Secretary of State to receive the returns made in pursuance of the third section of this act, and he shall cause the same for each year to be bound together, in one or more volumes, at the expense of the State, and make indexes thereto; and with such assistance as may be voluntarily rendered by any authorized committee appointed by the medical faculty of the University of Michigan, or by any regularly authorized medical society in this State for that purpose, he shall prepare such tabular statements, results and deductions therefrom as will render them of practical utility, and make report thereof, annually, to the Governor of the State, which report may be ordered published and distributed in such manner as the Legislature may from time o me direct.

Sec. 6. Every justice of the peace, minister of the Gospel, and all other persons authorized by the laws of this State to solemnize marriages, and clerks or keepers of records of the meetings in which any marriage among the Friends or Quakers shall be solemnized, who shall neglect or refuse to make a record of such marriage, or to deliver to the county clerk of the county in which the marriage took place, a certified copy of such record, or who shall refuse, on demand, to deliver to the parties to such marriage the certificate thereof, as required by section two of this act, or who shall willfully make a false or fictitious entry in his record of marriages, or in the certified copy of such record delivered to the county clerk, or in the certificates of marriages delivered to the parties thereto, shall be deemed guilty of misdemeanor, and upon conviction thereof, shall be punished by fine not exceeding one hundred dollars, and in default of paying the same, shall be imprisoned in the county jail of the county in which such conviction shall be had, until said fine be paid, but not to exceed the period of ninety days.

Sec. 7. Every physician, surgeon or midwife, who shall have been in attendance upon any deceased person, shall upon application of any supervisor or assessor of the township, city, or any ward thereof, in which such death occurred, make out and deliver to such supervisor or assessor a certified statement, without fee, containing the name of the disease or cause (if known) producing the death of such person; and any medical attendant who shall neglect or refuse to give such statement, or who shall willfully make a false statement in relation to such death, shall for such offense be liable to pay a fine of not less than ten nor more than fifty dollars, and the costs of prosecution, which fine the said supervisor or assessor is hereby required to sue for and collect in his official character.

Sec. 8. It shall be the duty of each supervisor or assessor to obtain the facts in relation to births and deaths within his township, city, or any ward therein, (not otherwise obtained,) from the heads of families, the keepers, overseers or superin-

tendents of asylums, hospitals, jails, prisons, workhouses, almshouses, houses of correction and similar institutions, the keepers of hotels, public and private boarding houses, and the masters or chief officers of steamboats and sail-vessels navigating any of the waters of this State, and touching at any port of entry therein, in which such births or deaths occurred; and if either of the above named persons shall refuse to give such information, then the same shall be obtained by such supervisor or assessor from any person having a knowledge of the facts in relation to such birth or death; and if the supervisor or assessor shall have reason to believe that any person or persons willfully misrepresented or concealed any facts relative to such birth or death in his township, city, or any ward therein, which he cannot otherwise obtain, he may examine such person or persons on oath, (which oath such supervisor or assessor is hereby empowered and authorized to administer,) in relation to any birth or death within his township, city, or any ward therein, of which such person or persons may have any knowledge or information; and if any person, after being duly subpœnaed (as provided for compelling the attendance of witnesses in justices' courts,) by such supervisor or assessor, for the purposes aforesaid, shall neglect or refuse to appear before such officer, or appearing shall refuse to be sworn and testify in relation to such matter, he shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished therefor by fine not exceeding fifty dollars, and in default of paying the same shall be imprisoned in the county jail of the county in which such conviction shall be had until said fine be paid, but not exceeding ninety days; and any person who after being duly sworn as aforesaid, shall willfully make any false statement in relation to any birth or death, about which he is required to testify, shall be deemed guilty of willful and corrupt perjury: *Provided*, That no person shall be required to answer any question which will tend to criminate himself or herself upon any such examination.

Sec. 9. In case of the refusal or neglect by any of the officers mentioned in this act, to perform any of the duties hereinbefore required of them or either of them, to be done and performed by any of the provisions herein contained, such officer shall be liable to a fine not to exceed one hundred dollars, and the costs of prosecution; and the prosecuting attorney in each county is hereby required to prosecute, in the name of the people of the State of Michigan, all persons in his county who shall willfully violate any of the provisions of this act; and the said supervisor or assessors of any township, city, or any ward therein, may be prosecuted for a misdemeanor under this section, and upon conviction, punished as therein provided for.

Sec. 10. Sections three thousand two hundred and thirteen, three thousand two hundred and fourteen, three thousand two hundred and fifteen and three thousand two hundred and sixteen, of the compiled laws of 1857, be and the same are hereby repealed.

Approved March 27, 1867.

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